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TITLE: COMPUTERIZED METHOD AND SYSTEM FOR DISPLAYING INFORMATION ABOUT SECURITIES

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BACKGROUND OF THE INVENTION

1. **Field of the Invention**

10 The present invention generally relates to computer software. More particularly, the present invention relates to computer-implemented monitoring of securities (e.g., stocks, options contracts, futures, bonds, mutual funds, and other investments).

2. **Description of the Related Art**

15 The securities trading industry has burgeoned since the advent of the Internet. Many companies offer securities trading services through a variety of automated methods, such as through a telephone or a computer system. The placement of orders to buy or sell securities may be done through the use of an order entry screen on a computer system. Before placing an order, a trader of securities may review technical analysis data to aid in making trading decisions. As used herein, a "security" is an investment instrument, issued by a corporation, government, or other organization which offers evidence of debt or equity (e.g., stocks, options contracts, futures, bonds, mutual funds, and other investments). As used herein, "technical analysis" is a method of evaluating securities by relying on the assumption that market data (e.g., charts of price, volume, and open interest) may help predict future (usually relatively short-term) market trends.

20 Prior to the 1930s securities laws requiring full disclosure of company information, professional securities trading was primarily accomplished by physically monitoring on price activity. More recently, technical analysts have observed market fluctuations and discovered patterns or indicators that appear to be useful in making buy and sell decisions. Typically, this technical analysis is done using a computer system. Watching market trends and providing indicators derived from price fluctuations may be useful to traders of securities making buy or sell decisions.

25 To make this technical analysis more useful in the time-critical world of day-trading, it is desirable to provide a method for presenting technical analysis data in real-time. As used herein, "real-time" indicates a response to stimuli within some relatively small upper limit of response time (e.g., seconds or minutes). Moreover, given the quantity of information potentially available to traders, it is also desirable to provide a method to allow a trader of securities to customize the display of this data in real-time.

SUMMARY OF THE INVENTION

30 The present invention provides various embodiments of an improved method and system for displaying information about securities.

35 In one embodiment, the invention may provide a trader of securities real-time access to market trend information regarding prices of securities. Additionally, information such as indicators derived from prices of the securities may be provided to the trader of securities. In another embodiment of the present invention, the trader of securities may be given the ability to customize how information is displayed to assist the trader in making buy/sell decisions. In another embodiment, particular activity may trigger audio cues (i.e., sounds) to alert the trader of the

activity. In yet another embodiment of the present invention, the trader of securities may be given the ability to customize the content of the information that is displayed so that only the securities, prices, indicators, or other information that is configured to be displayed is filtered for display to the user.

For example, a computer system (e.g., a personal computer, a laptop computer, a cellular telephone, a pager) or some other means of receiving information may be configured to receive relevant information. Upon receipt of the information, the computer system may be described as an interface and may display the information to the trader of securities. In one embodiment, the relevant information received by the trader's computer system may be used to derive other indicators or information regarding predicted future movement of a particular security and/or the market in general. In one embodiment, the present invention may offer a choice of any of multiple indicators to be displayed to a trader depending on the trader's configuration. In one embodiment, the trader may configure the interface to display relevant information regarding selected securities. In another embodiment, the list of indicators available may be updated to provide the trader more choices.

In one embodiment, multiple instances of the present invention may be used concurrently by a single trader using a single interface for the purpose of monitoring particular indicators or groups of indicators in separate display windows. In one embodiment, multiple instances of the present invention may be used concurrently by a single trader using a single interface for the purpose of monitoring particular securities (e.g., stocks) or groups of securities in separate display windows. In one embodiment, multiple instances of the present invention may be used concurrently by a single trader using a single interface where each instance may be configured to display information differently.

In one embodiment, real-time access to market trend information regarding price fluctuations of securities may be accomplished via the Internet and data may be transferred from an Internet server as the source to a user interface as the destination.

BRIEF DESCRIPTION OF THE DRAWINGS

Figure 1 is a network diagram of a wide area network suitable for implementing various embodiments;
Figure 2 is an illustration of a typical computer system suitable for implementing various embodiments;
Figures 3(a) - 3(d) are screenshots of a series of computerized monitoring of securities windows ("Eyes") according to one embodiment;

Figure 4 is an "Eyes" screenshot after a right click to bring up menu options according to one embodiment;
Figure 5 is a screenshot of a first configuration window ("Eyes Preferences") according to a first embodiment;

Figure 6 is an "Eyes" screenshot of a second configuration window ("Show/Hide Columns") according to one embodiment;

Figure 7 is an "Eyes" screenshot of another configuration window ("Layouts Setup") according to one embodiment;

Figure 8 is an "Eyes" screenshot with multiple indicators configured to be displayed according to one embodiment;

Figures 9(a) - 9(d) are screenshots of multiple instances of "Eyes", each providing different information, according to one embodiment;

Figure 10 is a screenshot of a first configuration window ("Eyes Preferences") according to a second embodiment; and

Figure 11 is a flowchart illustrating a method of displaying information about securities in real-time and monitoring indicators of securities in real-time according to one embodiment.

While the invention is susceptible to various modifications and alternative forms, specific embodiments thereof are shown by way of example in the drawings and will be described in detail herein. It should be understood, however, that the drawings and detailed description thereto are not intended to limit the invention to the particular form disclosed, but on the contrary, the intention is to cover all modifications, equivalents and alternatives falling within the spirit and scope of the present invention as defined by the appended claims.

DETAILED DESCRIPTION OF SEVERAL EMBODIMENTS

As used herein, a trade price, or price of a security is the price of a transaction for that security. As used herein, an opening price of a security is the price of the first transaction for that security at the beginning of a given trading session. As used herein, a closing price of a security is the price of the last transaction for that security at the end of a given trading session.

As used herein, volume of a security is the number of shares or other instruments (e.g., bonds, contracts) that have been traded during a given time period, usually a given trading session. Volume of an entire exchange may also be computed. Trading volume is synonymous with the term volume.

As used herein, a bid price is the highest price that any buyer is willing to pay for a given security at a given time. Conversely, an ask price is the lowest price that any seller is willing to accept for a given security at a given time.

Figure 1: Wide Area Network

Figure 1 illustrates a wide area network (WAN) according to one embodiment. WAN 102 is a network that spans a relatively large geographical area. The Internet is an example of WAN 102. WAN 102 typically includes a plurality of computer systems which are interconnected through one or more networks. Although one particular configuration is shown in Figure 1, WAN 102 may include a variety of heterogeneous computer systems and networks which are interconnected in a variety of ways and which run a variety of software applications.

One or more local area networks (LANs) 104 may be coupled to WAN 102. A LAN 104 is a network that spans a relatively small area. Typically, a LAN 104 is confined to a single building or group of buildings. Each node (i.e., individual computer system or device) on a LAN 104 preferably has its own CPU with which it executes programs, and each node is also able to access data and devices anywhere on the LAN 104. The LAN 104 thus allows many users to share devices (e.g., printers) as well as data stored on file servers. The LAN 104 may be characterized by any of a variety of types of topology (i.e., the geometric arrangement of devices on the network), of protocols (i.e., the rules and encoding specifications for sending data, and whether the network uses a peer-to-peer or client/server architecture), and of media (e.g., twisted-pair wire, coaxial cables, fiber optic cables, radio waves).

Each LAN 104 includes a plurality of interconnected computer systems and optionally one or more other devices: for example, one or more workstations 110a, one or more personal computers 112a, one or more laptop or notebook computer systems 114, one or more server computer systems 116, and one or more network printers 118. As illustrated in Figure 1, an example LAN 104 may include one of each of computer systems 110a, 112a, 114, and

116, and one printer 118. The LAN 104 may be coupled to other computer systems and/or other devices and/or other LANs 104 through WAN 102.

One or more mainframe computer systems 120 may be coupled to WAN 102. As shown, the mainframe 120 may be coupled to a storage device or file server 124 and mainframe terminals 122a, 122b, and 122c. The mainframe terminals 122a, 122b, and 122c may access data stored in the storage device or file server 124 coupled to or included in the mainframe computer system 120.

WAN 102 may also include computer systems which are connected to WAN 102 individually and not through a LAN 104: as illustrated, for purposes of example, a workstation 110b and a personal computer 112b. For example, WAN 102 may include computer systems which are geographically remote and connected to each other through the Internet.

Figure 2: Typical computer system

Figure 2 illustrates a typical computer system 150 which is suitable for implementing various embodiments of a system and method for computerized monitoring of securities. Each computer system 150 typically includes components such as a CPU 152 with an associated memory medium such as floppy disks 160. The memory medium may store program instructions for computer programs, wherein the program instructions are executable by the CPU 152. The computer system 150 may further include a display device such as a monitor 154, an alphanumeric input device such as a keyboard 156, and a directional input device such as a mouse 158. The computer system 150 may be operable to execute the computer programs to implement monitoring of securities as described herein.

The computer system 150 preferably includes a memory medium on which computer programs according to various embodiments may be stored. The term "memory medium" is intended to include an installation medium, e.g., a CD-ROM, or floppy disks 160, a computer system memory such as DRAM, SRAM, EDO RAM, Rambus RAM, etc., or a non-volatile memory such as a magnetic media, e.g., a hard drive, or optical storage. The memory medium may include other types of memory as well, or combinations thereof. In addition, the memory medium may be located in a first computer in which the programs are executed, or may be located in a second different computer which connects to the first computer over a network. In the latter instance, the second computer provides the program instructions to the first computer for execution. Also, the computer system 150 may take various forms, including a personal computer system, mainframe computer system, workstation, network appliance, Internet appliance, personal digital assistant (PDA), television system or other device. In general, the term "computer system" can be broadly defined to encompass any device having a processor which executes instructions from a memory medium.

The memory medium preferably stores a software program or programs for monitoring of securities as described herein. The software program(s) may be implemented in any of various ways, including procedure-based techniques, component-based techniques, and/or object-oriented techniques, among others. For example, the software program may be implemented using ActiveX controls, C++ objects, JavaBeans, Microsoft Foundation Classes (MFC), browser-based applications (e.g., Java applets), traditional programs, or other technologies or methodologies, as desired. A CPU, such as the host CPU 152, executing code and data from the memory medium includes a means for creating and executing the software program or programs according to the methods and/or block diagrams described below.

Figures 3(a) - 3(d): Eyes

Figures 3(a) - 3(d) illustrate the user perspective of the operation of computerized monitoring of securities windows ("Eyes") according to one embodiment. From one drawing to the next, information scrolls downwards with new reported indicators displayed at the top of the screen, as prices fluctuate. In one embodiment, scrolling may be configured either upward or downward through the Eyes Preferences window (refer to Figures 5 and 10).

5 As shown in Figure 3(a), the two most recent reported indicators were both recorded at 11:31:15am. The most recent reported indicator is shown as security symbol SGR at price $45 \frac{5}{8}$ with the indicator noted in the text as "new low bid". Similarly, the second most recent reported indicator is shown as security symbol SBC at price $41 \frac{7}{8}$ with the indicator noted in the text as "Crossed down". Figures 3(b) - 3(d) illustrate snapshots of the Eyes window later in time during the same trading session as shown in Figure 3(a). Figure 3(b) was captured at 11:31:19am, Figure 3(c) was captured at 11:31:22am, and Figure 3(d) was captured at 11:31:33am. As can be seen 10 in Figure 3(b), the SGR and SBC indicator lines appear below indicators for the following securities: CSGS (two indicators), REI-C, HRZ, and HCR. Thus, five indicators were generated during the four seconds between the time that Figure 3(a) was captured and the time that Figure 3(b) was captured. It is noted that the last five lines of indicators at the bottom of the screen in Figure 3(a) are not shown in Figure 3(b) (i.e., NPIX, PCSA, SPOT (three 15 indicators)). However, the scroll bar shown in Figure 3(b) may be used to display these five indicators, among others. Similarly, Figure 3(c) includes eleven indicators that were generated during the three seconds between the time that Figure 3(b) was captured and the time that Figure 3(c) was captured, namely, indicators for the following securities: RSYS, HI, \$LXH.X, LMNX, TMBR, TMBR, INOD, INOD, BCF, TMBR, DRXR. Figure 3(d) includes 20 seven indicators that were generated during the eleven seconds between the time that Figure 3(c) was captured and the time that Figure 3(d) was captured, namely, indicators for the following securities: RATL, FLRE, AFCI, RSYS, TLXS, TLXS, SSTI.

If a trader sets the preference "Scroll Up" through the Eyes Preferences window (refer to Figures 5 and 10), then the information may scroll upwards, with new reported indicators displayed at the top of the screen, as prices fluctuate. In one embodiment, the information may be configured to not scroll (i.e., remain static), with new 25 reported indicators replacing older indicators.

In one embodiment with static indicator reports, new indicator reports for a particular indicator may only replace older indicator reports for that indicator. For example, if the last New High was for security AA with price $189 \frac{1}{4}$ and the latest New High is for security BB with price $87 \frac{5}{16}$ then the New High indicator report for security AA would be replaced with the New High indicator report for security BB.

30 In another embodiment with static indicator reports, a new indicator report for a particular security may only replace an older indicator report for the same security. For example, if the last indicator report for security AA with price $189 \frac{1}{4}$ was a New High Ask and the latest indicator report for security AA is a New High at price $189 \frac{1}{4}$, then the new indicator report for the New High for security AA would replace the New High Ask indicator report for security AA.

35 There are a number of ways in which the information may be transmitted to the user interface. In one embodiment, with the purpose of minimizing bandwidth use between the user interface and the source of information, all indicators may be computed at the source of information with only individual lines of text, as they appear to the user, being sent to the user interface for display. Computation of the indicators at the source of information may minimize the computing power required on the trader's computer system. This embodiment may 40 require significant computing power at the source of information, particularly as the number of users grows. Under

a centralized system as described in this embodiment, changes to user preferences that would affect the quantity and quality of the information may be transmitted to the source of information so that only relevant data may be subsequently transmitted to the trader's computer system. However, user preference changes such as which columns to show or hide may remain on the trader's computer system, and may not be transmitted to the computer system where the computation takes place (i.e., the source of information).

In another embodiment, to minimize the computing power required at the source computer system, all fundamental data may be transmitted in raw form (current prices, sell offers, buy offers, etc.) to the trader's computer system. The user interface may then filter, refine, and otherwise compute relevant indicators and other information from the data received before displaying the computed information. This embodiment may require significant bandwidth to process the transmission of data.

In another embodiment, a hybrid of the previous two embodiments may be implemented, where the user interface may essentially act as a filter of information. This solution may require substantial bandwidth for transmission, but less computing power at the trader's computer system.

In other embodiments, various combinations of computation at the source of information or at the destination (i.e., the trader's computer system) may be implemented to achieve solutions within the constraints of particular user situations and demands. The source of information may be configured to transmit differently to different trader's computer systems. In any combination of computation distribution, however, the information displayed to the trader, may be comparable and equally configurable.

Figure 4: Eyes Menu

Figure 4 illustrates one embodiment of the present invention where a right click on the "Eyes" window may result in a pop-up window containing menu options being displayed. The menu options may include: "Always On Top," "Set Preferences," "Show/Hide Columns," "Link Windows," "Clear Eyes," "Save Window Layout," and "Open Windows Layout," as shown in Figure 4.

The option "Always On Top" may be toggled on or off as indicated by the presence or the absence of a checkmark. As shown in Figure 4, the "Always On Top" option is preceded by a checkmark. "Always On Top" is a graphical user interface (GUI) functionality that ensures a particular window does not get covered in part or in whole by windows that have not been configured to be "Always On Top."

The option "Set Preferences" may open an Eyes Preferences pop-up window. A first embodiment of the Eyes Preferences pop-up window is shown in Figure 5; a second embodiment of the Eyes Preferences pop-up window is shown in Figure 10. Similarly, the option "Show/Hide Columns" may open another pop-up window, the Show/Hide Columns pop-up window, as shown in Figure 6.

The option "Link Windows" may open another pop-up window that may enable linking the information with other compatible tools, windows, and/or applications. For example, "Eyes" may be linked to Charting functionality windows so that graphs, charts, and/or other graphical information of trading information may be displayed for particular user-specified securities. One embodiment of the present invention may be used in combination with other components to facilitate day-trading of securities and other activities that would benefit from real-time access to market trend information regarding price fluctuations of securities. In one embodiment, the present invention may be part of a package of day-trading tools that complement each other to provide traders

different perspectives on market trends in an effort to assist the trader in making buy/sell decisions for various securities.

The option "Clear Eyes" may clear all indicator reports currently displayed in the "Eyes" window.

The option "Save Window Layout" may open another pop-up window, the "Layouts Setup" window, as shown in Figure 7. The "Layouts Setup" window may allow a trader to save the current layout and the current options. In one embodiment, saving preferences may require naming the particular preferences being saved. In one embodiment, the title bar of the Eyes window may reflect the name under which a set of preferences is saved (e.g., the title bar in Figure 4 shows "Eyes1" as the name of the saved window preferences; "Eyes1" also appears in the list in Figure 7 of available window layouts).

The option "Open Windows Layout" may also open the "Layouts Setup" pop-up window, as shown in Figure 7. Alternatively, a separate pop-up window, similar to the "Layouts Setup" pop-up window, may be opened. The "Layouts Setup" window may allow a trader to retrieve a previously saved window layout and options. In one embodiment, restoring a previously saved window layout may cause the title bar of the Eyes window to be changed to the name of the selected previously saved window layout.

Figure 5: Eyes Preferences Window: a first embodiment

The "Eyes Preferences" pop-up window may appear when a trader selects the "Set Preferences" option, as noted in Figure 4 according to one embodiment.

Figure 5 illustrates configuration options or indicators, according to one embodiment. The indicators shown in Figure 5 include: "New Highs," "New High Ask," "Highs Most Active," "52 Week Highs," "New Lows," "New Low Bid," "Lows Most Active," "52 Week Lows," "Locked Up," "Locked Down," "Crossed Up," "Crossed Down," "Whiplash," "Whiplash Down," "Breakout," "Breakdown," "Narrowing Spread," "Trading Above," "Trading Below," "Volume Move Up," and "Volume Move Down" indicators. Additional indicators (not shown in Figure 5) may include: "Consolidation," "Channel Breakout," "Channel Breakdown," "Up Trend," "Down Trend," "30 Minute Breakout," "30 Minute Breakdown," and "Volume Spike" among others. Of these additional indicators, the following are shown in Figure 10: "Consolidation," "Channel Breakout," "Channel Breakdown," "Up Trend," "Down Trend". Indicators may be added and/or deleted as the need and/or availability occurs.

In one embodiment, selected indicators for display on the trader's computer system may be marked with a check in the appropriate box next to the text of the name of the indicator. As shown in Figure 5, the following indicators are marked with a check: "New Highs," "New High Ask," "Highs Most Active," "52 Week Highs," "New Lows," "New Low Bid," "Lows Most Active," "52 Week Lows," "Locked Up," "Locked Down," "Crossed Up," and "Crossed Down." In one embodiment, a trader may use multiple instances of the "Eyes Preferences" pop-up window, using various strategies for sorting the checkmarks among the multiple instances of the "Eyes Preferences" pop-up window. For example, a trader may use two instances of the "Eyes Preferences" pop-up window: the first instance having checkmarks for the positive indicators, and the second instance having checkmarks for the negative indicators. This example is illustrated in Figures 9(a) - 9(d).

As used herein, a "New High" indicates that the last trade price is higher than the previous high price. If a new high is reached within a given trading session, it is listed simply as a "New High". For example, if the last trade price is 64 1/8 for security ABC, and the previous high price for security ABC within the same trading session was 63 1/2, then there is a New High. Similarly, a designation of a time period (e.g., days, weeks, months, quarters,

years) may be added to the indicator text for display to the trader when a new high is reached over a time period greater than one day (i.e., the previous high price was reached in a trading session prior to the current trading session). It is noted that the time period designation may be used for many of the indicators. For example, if the last trade price is 86 7/8 for security DEF, and the previous high price for security DEF occurred four days (or four trading sessions) ago, then there is a New 4 Day High.

As used herein, a "New High Ask" indicates that the last ask price is higher than the previous high ask price. If a new high ask is reached within a given trading session, it is listed simply as a "New High Ask". For example, if the last ask price is 21 3/8 for security GHI, and the previous high ask price for security GHI within the same trading session was 21 1/8, then there is a New High Ask. An example that includes a designation of a time period: if the last ask price is 46 7/8 for security JKL, and the previous high ask price for security JKL occurred two weeks (or ten trading sessions) ago, then there is a New 2 Week High Ask.

As used herein, a "High Most Active" indicates that the last trade price is higher than the previous high price, and the security is a member of a list of "Most Active" securities. If a new high is reached within a given trading session and the security reaching the new high is a member of the list of "Most Active" securities, the new high is listed simply as a "New High Most Active". For example, if the last trade price is 64 1/8 for security ABC, and the previous high price for security ABC within the same trading session was 63 1/2, then there is a New High. The time period designation noted earlier may be used for a "High Most Active" security (i.e., "New 2 Day High Most Active").

The list of "Most Active" securities is derived by identifying securities which meet certain criteria (e.g., largest gainers, largest percentage gainers, largest losers, largest percentage losers, largest volume, largest percentage volume). Some of the criteria may be user-definable (e.g., an over-riding minimum of a certain dollar amount for each security, an over-riding three-day volume average for each security). The "Most Active" securities may be derived from all securities meeting the over-riding user-definable values that are traded on all exchanges. Alternatively, the trader may be able to further limit the universe under observation by limiting the "Most Active" list to be derived from securities listed on a particular exchange or set of exchanges, or from a list of user-defined securities (e.g., the securities which the trader either owns or has an interest in following for purposes of possible purchase in the future).

As used herein, a "52 Week High" indicates that the last trade price is a "New High" and is the highest price the security has reached over the last year. For example, if the last trade price is 94 1/8 for security MNO, and security MNO has never traded as high as 94 1/8 during the previous 52 weeks, then there is a 52 Week High. It is noted that "52 Week High" is not the same designation as "New 52 Week High". For example, if a new high is recorded each day in one week (i.e., Monday's new high is 45, Tuesday's new high is 46, Wednesday's new high is 47, Thursday's new high is 48, and Friday's new high is 49), where during the previous 52 weeks the security never traded above Monday's high (46), then each successive new high is also a 52 week high. However, a "New 52 Week High" is always also a "52 Week High" (i.e., if the last trade price is 52 7/8 for security PQR, and the previous high price for security PQR occurred 52 weeks ago, then there is a New 52 Week High which also is a 52 Week High).

As used herein, a "New Low" indicates that the last trade price is lower than the previous low price. If a new low is reached within a given trading session, it is listed simply as a "New Low". For example, if the last trade price is 41 3/4 for security STU, and the previous low price for security STU within the same trading session was

41 7/8, then there is a New Low. Another example that includes a designation of a time period is if the last trade price is 6 1/2 for security VWX, and the previous low price for security VWX occurred two days (or two trading sessions) ago, then there is a New 2 Day Low.

As used herein, a "New Low Bid" indicates that the last bid price is lower than the previous low bid price.

5 If a new low bid is reached within a given trading session, it is listed simply as a "New Low Bid". For example, if the last bid price is 22 3/8 for security YZA, and the previous low bid price for security YZA within the same trading session was 23, then there is a New Low Bid. An example that includes a designation of a time period: if the last bid price is 36 1/8 for security BCD, and the previous low bid price for security BCD occurred three weeks (or fifteen trading sessions) ago, then there is a New 3 Week Low Bid.

10 As used herein, a "Low Most Active" indicates that the last trade price is lower than the previous low price, and the security is a member of a list of "Most Active" securities, similar to the "High Most Active" indicator. If a new low is reached within a given trading session and the security reaching the new low is a member of the list of "Most Active" securities, the new low is listed simply as a "New Low Most Active". For example, if the last trade price is 41 3/8 for security EFG, and the previous low price for security EFG within the same trading session was 41 1/2, then there is a New Low. The time period designation noted earlier may be used for a "Low Most Active" security (i.e., "New 2 Month Low Most Active").

15 As used herein, a "52 Week Low" indicates that the last trade price is a "New Low" and is the lowest price the security has reached over the last year. For example, if the last trade price is 12 for security HIJ, and security HIJ has never traded as low as 12 during the previous 52 weeks, then there is a 52 Week Low.

20 As used herein, "Locked Up" indicates that the bid price has moved upward to the point that the last bid price is exactly equal to the last ask price (i.e., the bid price and the ask price are from two different marketmakers). For example, if the last ask price is 25 for security KLM and the bid price for security KLM moves up (i.e., from some value below 25) to the point where it is exactly equal to the last ask price (i.e., 25), then there is a Locked Up condition.

25 Similarly, "Locked Down" indicates that the ask price has moved downward to the point that the last ask price is exactly equal to the last bid price (i.e., the bid price and the ask price are from two different marketmakers). For example, if the last bid price is 47 7/16 for security NOP and the ask price for security NOP moves down (i.e., from some value above 47 7/16) to the point where it is exactly equal to the last bid price (i.e., 47 7/16), then there is a Locked Down condition.

30 As used herein, "Crossed Up" indicates that the bid price has moved upward to the point that the last bid price is greater than the last ask price (i.e., the bid price has moved above the ask price). For example, if the last ask price is 64 for security QRS and the bid price for security QRS moves up (i.e., from some value below 64) to the point where the last bid price is greater than the last ask price (i.e., the last bid price is 64 1/8), then there is a Crossed Up condition.

35 Similarly, "Crossed Down" indicates that the ask price has moved downward to the point that the last ask price is less than the last bid price (i.e., the ask price has moved below the bid price). For example, if the last bid price is 33 1/4 for security TUV and the ask price for security TUV moves down (i.e., from some value above 33 1/4) to the point where the last ask price is less than the last bid price (i.e., the last ask price is 33), then there is a Crossed Down condition.

As used herein, "Whiplash" indicates a special case of the "New High" indicator. Typically, a "Whiplash" condition exists when five criteria are met: 1) a "New High" has been reached; 2) today's opening price is a half percentage point below yesterday's low price (e.g., for security WXY, if yesterday's low is 100, and today's opening price is 99.50); 3) the "New High" is greater than yesterday's closing price (e.g., for security WXY, if yesterday's closing price is 102, and the "New High" is 103); 4) there is a tight bid/ask spread (i.e., the difference between the bid price and the ask price is less than or equal to one percentage point of the last trade price; for security WXY, for example, if the last trade price is 103, the bid price is 102 7/8 and the ask price is 103 3/8); and 5) the 3 day average volume is greater than 30,000 shares.

Similarly, "Whiplash Down" indicates a special case of the "New Low" indicator. Typically, a "Whiplash Down" condition exists when five criteria are met: 1) a "New Low" has been reached; 2) today's opening price is a half percentage point above yesterday's high price (e.g., for security ZAB, if yesterday's high is 100, and today's opening price is 100.50); 3) the "New Low" is less than yesterday's closing price (e.g., for security ZAB, if yesterday's closing price is 99, and the "New Low" is 98); 4) there is a tight bid/ask spread (e.g., for security ZAB, if the last trade price is 98, the bid price is 97 1/2 and the ask price is 98 1/8); and 5) the 3 day average volume is greater than 30,000 shares.

As used herein, a "Breakout" indicates that the daily high price for three of the last four trading sessions (i.e., days) has been within 0.6125% of the four day high and a new high has been reached (i.e., a price greater than that four day high). A "Breakout" may also be referred to as breaking through a resistance level. For example, if security CDE had a day 1 high price of 50, a day 2 high price of 49, a day 3 high price of 50 1/4, a day 4 high price of 50 1/8, and a day 5 high price of 50 3/4, then there is a Breakout condition.

Similarly, a "Breakdown" indicates that the daily low price for three of the last four trading sessions (i.e., days) has been within 0.6125% of the four day low and a new low has been reached (i.e., a price less than that four day low). A "Breakdown" may also be referred to as breaking through a support level. For example, if security FGH had a day 1 low price of 100 1/2, a day 2 low price of 100, a day 3 low price of 100 1/4, a day 4 low price of 101 1/4, and a day 5 low price of 99, then there is a Breakdown condition.

As used herein, a "Narrowing Spread" indicates that the spread difference (i.e., the difference between the ask price and the bid price) is greater than or equal to 3/4 (\$0.75) in the previous quote (i.e., the previous pair of highest bid price and lowest ask price available for a particular security) and less than or equal to 3/8 (\$0.375) in the current quote. For example, if in the previous quote the lowest ask price for security IJK was 21 7/8 and the highest bid price was 21 1/8 (i.e., the spread is 3/4), and in the current quote the lowest ask price for security IJK is 21 1/2 and the highest bid price is 21 1/4 (i.e., the spread is 1/4) then there is a Narrowing Spread condition.

As used herein, "Trading Above" indicates that the last trade was a New High, and that the price at which the last trade was executed was above the ask price. For example, if the following values exist for security LMN: previous high price: 39 1/4; ask price: 39 1/2; last trade price: 40; new high price: 40, then there is a Trading Above condition.

Similarly, "Trading Below" indicates that the last trade was a New Low, and that the price at which the last trade was executed was below the bid price. For example, if the following values exist for security OPQ: previous low price: 91 3/8; bid price: 91; last trade price: 88 7/8; new low price: 88 7/8, then there is a Trading Below condition.

As used herein, "Volume Move Up" indicates that a security has a New High and the total volume for the current trading session is at least 1.5 times the securities 3 day average volume. For example, if the volume of security RST was 1,000,000 on day 1, 800,000 on day 2, and 900,000 on day 3 (i.e., 3 day average volume is 900,000) and on day 4 security RST reaches a New High along with a volume of 1,400,000 (at least 1.5 times its 3 day average volume), then there is a Volume Move Up condition.

As used herein, "Volume Move Down" indicates that a security has a New Low and the total volume for the current trading session is at least 1.5 times the securities 3 day average volume. For example, if the volume of security UVW was 122,200,000 on day 1, 120,456,000 on day 2, and 130,010,000 on day 3 (i.e., 3 day average volume is 124,222,000) and on day 4 security UVW reaches a New Low along with a volume of 211,177,400 (at least 1.5 times its 3 day average volume), then there is a Volume Move Down condition.

As used herein, "Volume Spike" indicates that the volume of shares traded per second of a particular security has drastically changed, either considerably more volume or considerably less volume. For example, if the volume of shares of security XYZ traded at 13:11:45 was 2,000, and the volume of shares of security XYZ traded at 13:11:52 was 20,000, then there is a Volume Spike condition.

As used herein, "Consolidation" indicates that a security has been trading within a one percent range for a period of time, typically at least 30 minutes. While a security continues to consolidate (i.e., continues to trade within a one percent range beyond a specified period of time), an indication that the security is still consolidating may be repeated, at intervals. In one embodiment, at approximately 30 minutes intervals. For example, if security AB had been trading between 124 1/4 and 125 1/2 (i.e., within a 1% range) for a period of 90 minutes, then that security is consolidating. During those 90 minutes, an alert may be presented to the trader three times (i.e., approximately once every 30 minutes). Additionally, the number of minutes during which security AB is consolidating may be reported.

As used herein, "Channel Breakout" indicates that a security which has been consolidating for more than 30 minutes is followed by a breaking of the consolidation, on the upward side. For example, if security CD had been trading between 224 and 226 (within a 1% range) for a period of 50 minutes, then that security is consolidating. If security CD then begins to trade at 230, then there is a Channel Breakout condition.

As used herein, "Channel Breakdown" indicates that a security which has been consolidating for more than 30 minutes is followed by a breaking of the consolidation, on the downward side. For example, if security EF had been trading between 36 1/2 and 36 3/4 (within a 1% range) for a period of 40 minutes, then that security is consolidating. If security EF then begins to trade at 34, then there is a Channel Breakdown condition.

As used herein, "Up Trend" indicates that the closing price of a security has been consecutively higher for three days or more, and the 3 day volume average of the security is greater than 1.5 times the 30 day volume average of the security. For example, if security GH closed at 30 on day 1, 31 on day 2, 32 on day 3, and is trading at a price higher than 32 on day 4, along with a 3 day volume average of 1,600,000 and a 30 day volume average of 1,000,000, then there is a 4 Day Up Trend condition.

As used herein, "Down Trend" indicates that the closing price of a security has been consecutively lower for three days or more, and the 3 day volume average of the security is greater than 1.5 times the 30 day volume average of the security. For example, if security IJ closed at 15 on day 1, 14 on day 2, 13 on day 3, 12 on day 4, and is trading at a price lower than 12 on day 5, along with a 3 day volume average of 980,500 and a 30 day volume average of 575,000, then there is a 5 Day Down Trend condition.

As used herein, "30 Minute Breakout" indicates that a security has reached a new high price that is greater than the high price of the first 30 minutes of trading of the current trading session. For example, if security KL opened at 55 on day 1, and after 30 minutes of trading the highest price reached during those first 30 minutes of trading was 56 1/4, and sometime after those first 30 minutes of trading security KL traded at 56 3/8, then there is a 30 Minute Breakout condition.

Similarly, "30 Minute Breakdown" indicates that a security has reached a new low price that is less than the low price of the first 30 minutes of trading of the current trading session. For example, if security MN opened at 49 on day 1, and after 30 minutes of trading the lowest price reached during those first 30 minutes of trading was 45 3/8, and sometime after those first 30 minutes of trading security MN traded at 45 1/8, then there is a 30 Minute Breakdown condition.

In one embodiment, the user may configure the text color and background color for each indicator. This color configuration may be used to make particular indicators stand out at a glance. A trader may reserve certain text and/or background colors for particular indicators to specifically highlight those indicators. Text color and background color changes may be used to differentiate between various instances of the preferences window. A trader may also use colors to graduate indicators (e.g., from dark to light, green to red, or some similar scheme) to reflect the indicators particular importance to that trader.

In one embodiment, selecting the current text color for an indicator may open a "Text Color" pop-up window. The "Text Color" pop-up window may include a list of available text colors from which a text color may be selected by the trader. Similarly, selecting the current background color for an indicator may open a "Background Color" pop-up window. The "Background Color" pop-up window may include a list of available background colors from which a background color may be selected by the trader.

In one embodiment, sound may be configured to play for particular indicators. A trader may use the sound option to be alerted when important information arrives without looking at the interface. In one embodiment, selecting a sound for an indicator may open a "Sound" pop-up window. The "Sound" pop-up window may include a list of available sounds from which a sound may be selected by the trader.

In one embodiment, a "Minimum Stock Price" field may be used to discriminate and/or filter out indicator reports for securities with prices that are below a particular value. For example, setting the Minimum Stock Price to 10, as shown in Figure 5, would filter out indicator reports for securities with a price lower than 10. Similarly, a "Maximum Stock Price" field may be used to discriminate and/or filter out indicator reports for securities with prices that are above a particular value. For example, setting the Maximum Stock Price to 150, as shown in Figure 5, would filter out indicator reports for securities with a price higher than 150. A trader may use both the Minimum Stock Price and Maximum Stock Price fields to selectively capture a particular range of prices for which the trader desires the indicator reported. In one embodiment, a "Minimum 3 Day Average" field may be used to discriminate and/or filter out indicator reports for securities with three day average volumes less than a particular number. For example, setting the Minimum 3 Day Average to 25,000, as shown in Figure 5, would filter out indicator reports for securities with 3 day average volumes that are less than 25,000. A trader may configure the "Minimum 3 Day Average" field to reflect the volume below which the trader thinks the trade volume is too light to accurately or meaningfully reflect any trend of interest to that trader.

In one embodiment, particular securities "Exchanges" may be selected for inclusion of securities traded on the selected exchanges in the indicator reporting windows. In one embodiment, a push-button in the preferences

window may open another pop-up window, the Exchanges pop-up window may list securities exchanges that may be selected or deselected by the trader. Typically, if an exchange is selected, the trader is indicating that the trader would like to see indicator reports for securities traded on the selected exchanges.

In one embodiment, the indicator reports may be configured to scroll downwards or scroll upwards, depending on the setting of the two radio push-buttons shown in Figure 5 with these captions: "Scroll Down" and "Scroll Up". Radio push-buttons usually appear in graphical user interfaces when the choices available to a user are mutually exclusive. In other words, radio push-buttons appear in groups of at least two, and the user must choose only one of the radio push-buttons available. Generally, if a user attempts to choose a second radio push-button, the selection of the first radio push-button is removed, thereby leaving a single choice made by the user. As shown in Figure 5, the "Scroll Down" radio push-button is selected as the default choice (i.e., if the trader does not specify otherwise, the "Scroll Down" choice is chosen for the trader).

As shown in Figure 5, a checkbox labeled "Edit Symbols" may be used for the trader to configure a list of securities for which trader-selected indicator reports may be desired. In one embodiment, when the trader selects the checkbox a pop-up window may be opened. The "Edit Symbols" pop-up window may display entry fields for the trader to enter new securities symbols and/or the "Edit Symbols" pop-up window may display the current list of securities symbols previously chosen by the trader. The trader may add a security to the list by entering the security symbol in the entry field or remove a security from the list by selecting the security to be deleted. In one embodiment, the list may be used to filter out indicator reports for the particular securities symbols in the list. Alternatively, in another embodiment, the list may be used to display indicator reports for the particular securities symbols in the list.

Also shown in Figure 5, a checkbox labeled "Log Messages" may be used for the trader to indicate a desire to have the indicator reports logged. Reasons to log the indicator reports include: future analysis and backup. The logging may include writing the indicator reports to a file and/or a database. In one embodiment, when the trader selects the checkbox a pop-up window may be opened. The "Log Messages" pop-up window may display entry fields for the trader to enter a file name and/or database information. In one embodiment, a default file name may be used (i.e., no entry for a file name may be required of the trader).

In one embodiment, an "OK" push-button may be selected to exit the preferences window and apply the preferences settings as configured in the window by the trader. Similarly, a "Cancel" push-button may be selected to exit the preferences window without applying the changes made to the preferences settings by the trader (i.e., the preferences settings remain as they were before the preferences window was entered).

In one embodiment, a "Set Font" push-button may be selected. Selecting the "Set Font" push-button may open a "Set Font" pop-up window where particular fonts may be selected from a list of fonts that may be available.

In one embodiment, an "Apply" push-button may be selected to apply the preferences settings as configured in the window by the trader without exiting the preferences window. Thus, the "Apply" push-button has similar functionality as the "OK" push-button, with the one difference being that the preferences window remains open, for the trader to make additional changes, as desired.

Figure 6: Show/Hide Columns Window

The "Show/Hide Columns" pop-up window may appear when a trader selects the "Show/Hide Columns" option, as noted in Figure 4, according to one embodiment.

Figure 6 illustrates the columns available for display (i.e., "Show") for indicator reports, according to one embodiment. If the trader wishes to not display certain columns (i.e., "Hide" those columns), the "Show/Hide Columns" pop-up window is where that choice is registered. As shown in Figure 6, the following columns may be toggled on or off (i.e., "Show" or "Hide"): "Time," "Symbol," "Occurrences," "Price," and "Text." Additional columns may be added, and columns may be deleted, from time to time. For each column, a default setting may be present (e.g., "S" for "Show", "H" for "Hide"). The trader may switch the current setting for a particular column by selecting either the "Show" push-button (i.e., if the current setting is "Hide") or by selecting the "Hide" push-button (i.e., if the current setting is "Show").

In one embodiment, an "OK" push-button may be selected to exit the Show/Hide Columns window and apply the column settings as configured in the window by the trader. Similarly, a "Cancel" push-button may be selected to exit the Show/Hide Columns window without applying the changes made to the column settings by the trader (i.e., the column settings remain as they were before the Show/Hide Columns window was entered).

In one embodiment, an "Apply" push-button may be selected to apply the column settings as configured in the window by the trader without exiting the Show/Hide Columns window. Thus, the "Apply" push-button has similar functionality as the "OK" push-button, with the one difference being that the Show/Hide Columns window remains open, for the trader to make additional changes, as desired.

Each of the columns listed in the Show/Hide Columns window refer to information that may be displayed ("Show") or suppressed ("Hide") when a particular indicator occurs for a particular security. The Time column may display the time at which the particular indicator occurs for a particular security. The Symbol column may display the security symbol for which the particular indicator occurs. The Occurrences column may display the number of occurrences of the particular indicator for the particular security symbol for the current trading session. In some embodiments, occurrences may also be referred to as repeated occurrences (i.e., the first occurrence of an indicator may be listed as occurrence "0", and each subsequent occurrence of the same indicator in the same trading session may increase the "occurrences" count by 1). The Price column may display the current price of the particular security for which the particular indicator occurs. The Text column may display a description of the particular indicator, including time designation modifiers where appropriate (e.g., a time designation ("4 Day") for a "New High": "New 4 Day High").

For example, if a trader has chosen to "Show" the Time, Symbol, Price, and Text columns, and to "Hide" the Occurrences column, indicators such as those shown in Figure 4 would result. As shown in Figure 4, a "New High" indicator occurred for Decode Genetics Incorporated (security symbol "DCGN") at 13:07:30 at price 24 5/16. The line from the Eyes window is shown in Figure 4 as: "13:07:30 DCGN 24 5/16 NEW HIGH". Although not shown in Figure 6, the Show/Hide Columns window may, in one embodiment, allow the trader to rearrange the order of the columns (i.e., rather than the columns be listed in the order: Time, Symbol, Price, Text, any other order may be chosen by the trader, for example: Text, Symbol, Price, Time). Additionally, although not shown in Figure 6, the Show/Hide Columns window may, in one embodiment, allow the trader to adjust the "case" of the text (e.g., Sentence case., lowercase, UPPERCASE, Title Case, TOGGLE cASE, among others).

Figure 7: Layouts Setup Window

The "Layouts Setup" pop-up window may appear when a trader selects either the "Save Window Layout" option or the "Open Windows Layout" option, as noted in Figure 4, according to one embodiment.

Figure 7 illustrates one embodiment of a "Layouts Setup" pop-up window that may enable a trader to save a window layout. In one embodiment, an area of the "Layouts Setup" pop-up window may provide a list of layouts or configurations that already exist under particular names (e.g., Exchange, Eyes1, Financial, Studies, as shown in Figure 7). As shown in Figure 7, the area providing a list of layouts is labeled "Layouts". In one embodiment, when the "Layouts Setup" pop-up window is entered for the purposes of saving a new window layout, an entry field may be enabled. The trader may enter a layout name of the trader's choice in the entry field. As shown in Figure 7, the "Save As" push-button may be enabled when the entry field is modified and/or highlighted.

In one embodiment, a "Cancel" push-button may enable a trader to exit the "Layouts Setup" pop-up window without saving any changes made in the "Layouts Setup" pop-up window. In one embodiment, a "Save" push-button may be enabled when a particular layout name is selected from the list of existing layout names in the "Layouts" area of the "Layouts Setup" pop-up window. In one embodiment, a "Delete" push-button may be enabled when a particular layout configuration in the list of existing layout names in the "Layouts" area of the "Layouts Setup" pop-up window has been selected.

In one embodiment of a "Layouts Setup" pop-up window that may enable a trader to open a window layout, the "Save" push-button may be replaced by an "Open" push-button. In one embodiment, an area of the "Layouts Setup" pop-up window may provide a list of layouts or configurations that already exist under particular names (e.g., Exchange, Eyes1, Financial, Studies, as shown in Figure 7). The "Open" push-button may be enabled when one of the layouts is selected. Upon subsequently selecting the "Open" push-button, the selected layout may then be loaded and/or restored.

In one embodiment, the title bar of the preferences window may be updated to reflect the selected and/or newly saved layout name. Thus, meaningful window layout names enable a trader to distinguish between various layout configurations and to quickly determine under which layout name the information is being provided. Refer to Figures 9(a) - 9(d) for further discussion of multiple instances and configuration settings.

Figure 8: Single Instance of an "Eyes" Window with Multiple Indicators Selected

Figure 8 illustrates one embodiment of the "Eyes" window displaying the five columns of information available to a trader, as shown in the Show/Hide Columns pop-up window described in Figure 6. For example, there are two entries for the timestamp 12:59:37, as follows: Symbol: SDC; Occurrences: 15; Price: 39; Text: NEW HIGH ASK; and Symbol: PAX; Occurrences: 0; Price: 12 5/8; Text: Locked UP. As noted in this example, the first occurrence of an indicator causes the "Occurrences" field to be set to zero, each subsequent occurrence increases the "Occurrences" count by 1, therefore, the NEW HIGH for security symbol SDC is shown as the 15th occurrence, meaning it is actually the 16th NEW HIGH for the current trading session. Similarly, the "Locked UP" condition noted for security symbol PAX is shown as the 0th occurrence, meaning it is actually the 1st Locked UP condition for the current trading session.

All of the indicators shown in Figure 5 had been selected prior to capturing the data in Figure 8, including: "New Highs," "New High Ask," "Highs Most Active," "52 Week Highs," "New Lows," "New Low Bid," "Lows Most Active," "52 Week Lows," "Locked Up," "Locked Down," "Crossed Up," "Crossed Down," "Whiplash," "Whiplash Down," "Breakout," "Breakdown," "Narrowing Spread," "Trading Above," "Trading Below," "Volume Move Up," and "Volume Move Down" indicators. The text that is displayed in Figure 8 may sometimes be more descriptive than the name of the indicator. For example, there are two "Trading Below" entries in Figure 8, the first

"Trading Below" entry was recorded at 12:59:41 and includes the text: "Trading Below new low" for security symbol STN; the second "Trading Below" entry was recorded at 12:59:43 and includes the text: "Trading Below new 4 day low" for security symbol MDEA. Another example shown in Figure 8: there are two "Narrowing Spread" entries, the first "Narrowing Spread" entry was recorded at 12:59:19 and includes the text: "Narrowing Spread Bid inc." (i.e., inc. represents the word "increasing") for security symbol MCDT; the second "Narrowing Spread" entry was recorded at 12:59:23 and includes the text: "Narrowing Spread Ask dec." (i.e., dec. represents the word "decreasing") for security symbol SIMG.

Figure 9(a) - 9(d): Multiple Instances of "Eyes" Windows

Figures 9(a) and 9(b) illustrate two concurrent instances of "Eyes" windows configured differently, according to one embodiment. The instance shown in Figure 9(a) is configured to report negative indicators, such as "New Low", and the Figure 9(a) instance window layout (as reflected in the title bar of the window) is appropriately named "Eyes Financial negative". Conversely, the instance shown in Figure 9(b) is configured to report positive indicators, such as "New High", and the Figure 9(b) instance window layout (as reflected in the title bar of the window) is appropriately named "Eyes Financial positive". Multiple "Eyes" instances such as Figures 9(a) and 9(b) may enable traders to discriminate and filter information more quickly and efficiently than a single "Eyes" instance. Further, saving the filtered information in separate logs may allow a trader to spot trends and/or make buy/sell decisions more quickly when reviewing the separate logs than if all the information was saved to a single log file.

Figure 9(c) illustrates the configuration or preference settings of Figure 9(a). Similarly, Figure 9(d) illustrates the configuration or preference settings of Figure 9(b). For both Figures 9(c) and 9(d), the "Minimum Stock Price" is set to 10, the "Maximum Stock Price" is set to 150, the "Minimum 3 Day Average" is set to 25,000, and the data is set to "Scroll Down". The negative indicators selected (i.e., checkmarks preceding the selected indicators) in Figure 9(c) include: "New Highs," "New High Ask," "Highs Most Active," "52 Week Highs," "Locked Up," "Crossed Up," "Whiplash," "Breakout," "Trading Above," and "Volume Move Up". The positive indicators selected (i.e., checkmarks preceding the selected indicators) in Figure 9(d) include: "New Lows," "New Low Bid," "Lows Most Active," "52 Week Lows," "Locked Down," "Crossed Down," "Whiplash Down," "Breakdown," "Trading Below," and "Volume Move Down".

In one embodiment, more than two instances may be used concurrently. In one embodiment, instances may be configured to each display information regarding securities in different sectors (i.e., banking, retail, technology).

Figure 10: Eyes Preferences Window: a second embodiment

The "Eyes Preferences" pop-up window may appear when a trader selects the "Set Preferences" option, as noted in Figure 4 according to one embodiment.

Figure 10 illustrates configuration options or indicators, according to one embodiment. The indicators shown in the embodiment of Figure 5 are also shown in Figure 10. Additionally, the following indicators also appear in Figure 10: "Consolidation," "Channel Breakout," "Channel Breakdown," "Up Trend," "Down Trend". Indicators may be added and/or deleted as the need and/or availability occurs.

In one embodiment, selected indicators for display on the trader's computer system may be marked with a check in the appropriate box next to the text of the name of the indicator. As shown in Figure 10, the following indicators are marked with a check: "Highs Most Active," "52 Week Highs," "Lows Most Active," "52 Week Lows," "Whiplash," "Break Out," "Break Down," "Volume Move Up," "Volume Move Down," "Consolidation," "Up Trend," and "Down Trend." In one embodiment, a trader may use multiple instances of the "Eyes Preferences" pop-up window, using various strategies for sorting the checkmarks among the multiple instances of the "Eyes Preferences" pop-up window. For example, a trader may use two instances of the "Eyes Preferences" pop-up window: the first instance having checkmarks for the positive indicators, and the second instance having checkmarks for the negative indicators. This example is illustrated in Figures 9(a) - 9(d).

The description under Figure 5 concerning text color, background color, and sound for each indicator also applies to the embodiment in Figure 10. The description under Figure 5 concerning the fields: "Minimum Stock Price", "Maximum Stock Price", and "Minimum 3 Day Average" also applies to the embodiment in Figure 10. The description under Figure 5 concerning the "Exchanges" push-button also applies to the embodiment in Figure 10. The description regarding scrolling under Figure 5 also applies to the embodiment in Figure 10. The description regarding the checkboxes "Edit Symbols" and "Log Messages" under Figure 5 also applies to the embodiment in Figure 10. The description under Figure 5 concerning the "OK", "Cancel", "Set Font", and "Apply" push-buttons also applies to the embodiment in Figure 10.

Two fields that are shown in the embodiment of Figure 10 do not appear in the embodiment of Figure 5, namely: a "Maximum Bid/Ask Spread" field and a "Minimum Consolidation Time" field. In one embodiment, a "Maximum Bid/Ask Spread" field may be used to discriminate and/or filter out indicator reports for securities with a spread (i.e., the difference between the ask price and the bid price) that is greater than a particular value. For example, setting the Maximum Bid/Ask Spread to 1/2, as shown in Figure 10, would filter out indicator reports for securities with a spread greater than 1/2. In one embodiment, a "Minimum Consolidation Time" field may be used to discriminate and/or filter out indicator reports for securities which have been consolidating for a particular period of time, typically the time measurement is in minutes. For example, setting the Minimum Consolidation Time to 200 (minutes), as shown in Figure 10, would filter out indicator reports for securities which have been consolidating for 200 or less minutes.

Figure 11: Displaying information about securities

Figure 11 is a flowchart illustrating a method of displaying information about securities in real-time and monitoring indicators of securities in real-time, according to one embodiment.

In step 1101, user configuration data may be received for a particular indicator for at least one security. Examples of types of user configuration data that may be received include indicators (e.g., "New High Ask," "Highs Most Active," "52 Week Highs," "New Low Bid," "Lows Most Active," "52 Week Lows," "Whiplash Down," "Breakdown," "Volume Move Up," "Volume Move Down," "Volume Spike", "Consolidation," "Channel Breakout," "Channel Breakdown," "Up Trend," "Down Trend," "Thirty Minute Breakout," and "Thirty Minute Breakdown"), a list of securities, a list of securities exchanges (NYSE, AMEX, or NASDAQ), a background color, a text color, a "Minimum Stock Price," a "Maximum Stock Price," a "Maximum Bid/Ask Spread," a "Minimum Consolidation Time," a "Minimum X Day Average Volume", where X is a number ranging from 1 to 365, and a text font.

In step 1102, prices of at least one such security may be automatically monitored to determine if the particular indicator (e.g., from the list shown in step 1101, or possibly other indicators) has occurred for at least one such security.

5 In step 1103, information may be automatically displayed indicating that the particular indicator (e.g., from the list shown in step 1101, or possibly other indicators) has occurred for at least one such security.

10 Various embodiments further include receiving or storing instructions and/or data implemented in accordance with the foregoing description upon a carrier medium. Suitable carrier media include storage media or memory media such as magnetic or optical media, e.g., disk or CD-ROM, as well as signals such as electrical, electromagnetic, or digital signals, conveyed via a communication medium such as networks 102 and/or 104 and/or a wireless link.

15 Although the system and method of the present invention have been described in connection with several embodiments, the invention is not intended to be limited to the specific forms set forth herein, but on the contrary, it is intended to cover such alternatives, modifications, and equivalents as can be reasonably included within the spirit and scope of the invention as defined by the appended claims.

What is claimed:

1. A method of displaying information about securities, the method comprising:
receiving user configuration data into a first computer system, wherein the user configuration data
5 configures the first computer system or a second computer system to provide information indicating when a
New High Ask occurs for at least one security;
automatically monitoring prices of at least one security to determine if a New High Ask has
occurred for at least one such security;
10 when a New High Ask has occurred for at least one such security, automatically displaying
information to the user indicating that a New High Ask has occurred for at least one such security.
2. The method of claim 1 wherein the automatic display of information to the user is done in real-time.
- 15 3. The method of claim 1 wherein the automatic display of information to the user is done within
thirty minutes of a security price change.
4. The method of claim 1 wherein the automatic monitoring of prices of at least one security is done
in real-time.
- 20 5. The method of claim 1 wherein the automatic monitoring of prices of at least one security is done
within thirty minutes of a security price change.
- 25 6. The method of claim 1 further comprising calculating the New High Ask indicator value for at
least one such security.
7. The method of claim 6 wherein the calculating comprises utilizing trade prices for at least one
such security.
- 30 8. The method of claim 7 wherein the trade prices further comprise opening prices and closing
prices for at least one such security.
9. The method of claim 8 wherein the calculating comprises utilizing bid prices or ask prices for at
least one such security.
- 35 10. The method of claim 1 wherein the first computer system and the second computer system are
coupled to a computer network.
- 40 11. The method of claim 10, wherein the computer network comprises the Internet.

12. The method of claim 1 wherein the user configuration data further comprises a list of securities.

13. The method of claim 1 wherein the user configuration data further comprises a list of securities exchanges.

14. The method of claim 13 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.

15. The method of claim 1 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.

16. The method of claim 1 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.

17. The method of claim 1 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.

18. The method of claim 17 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.

19. The method of claim 1 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.

20. The method of claim 1 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.

21. The method of claim 20 wherein the directional scrolling is to scroll down.

22. The method of claim 20 wherein the directional scrolling is to scroll up.

23. The method of claim 20 wherein the directional scrolling is to remain static.

24. A method of displaying information about securities, the method comprising:
receiving user configuration data into a first computer system, wherein the user configuration data configures the first computer system or a second computer system to provide information indicating when a High Most Active occurs for at least one security;

automatically monitoring prices of at least one security to determine if a High Most Active has occurred for at least one such security;

when a High Most Active has occurred for at least one such security, automatically displaying information to the user indicating that a High Most Active has occurred for at least one such security.

25. The method of claim 24 wherein the automatic display of information to the user is done in real-time.

26. The method of claim 24 wherein the automatic display of information to the user is done within thirty minutes of a security price change.

27. The method of claim 24 wherein the automatic monitoring of prices of at least one security is done in real-time.

28. The method of claim 24 wherein the automatic monitoring of prices of at least one security is done within thirty minutes of a security price change.

29. The method of claim 24 further comprising calculating the High Most Active indicator value for at least one such security.

30. The method of claim 29 wherein the calculating comprises utilizing trade prices for at least one such security.

31. The method of claim 30 wherein the trade prices further comprise opening prices and closing prices for at least one such security.

32. The method of claim 31 wherein the calculating comprises utilizing bid prices or ask prices for at least one such security.

33. The method of claim 24 wherein the first computer system and the second computer system are coupled to a computer network.

34. The method of claim 33, wherein the computer network comprises the Internet.

35. The method of claim 24 wherein the user configuration data further comprises a list of securities.

36. The method of claim 24 wherein the user configuration data further comprises a list of securities exchanges.

37. The method of claim 36 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.

38. The method of claim 24 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.

39. The method of claim 24 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.

40. The method of claim 24 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.

41. The method of claim 40 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.

42. The method of claim 24 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.

43. The method of claim 24 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.

44. The method of claim 43 wherein the directional scrolling is to scroll down.

45. The method of claim 43 wherein the directional scrolling is to scroll up.

46. The method of claim 43 wherein the directional scrolling is to remain static.

47. A method of displaying information about securities, the method comprising:
receiving user configuration data into a first computer system, wherein the user configuration data configures the first computer system or a second computer system to provide information indicating when a Y Week High occurs for at least one security, wherein Y is a number ranging from 1 to 52;
automatically monitoring prices of at least one security to determine if a Y Week High has occurred for at least one such security;
when a Y Week High has occurred for at least one such security, automatically displaying information to the user indicating that a Y Week High has occurred for at least one such security.

48. The method of claim 47 wherein the automatic display of information to the user is done in real-time.

49. The method of claim 47 wherein the automatic display of information to the user is done within thirty minutes of a security price change.

50. The method of claim 47 wherein the automatic monitoring of prices of at least one security is done in real-time.

5 51. The method of claim 47 wherein the automatic monitoring of prices of at least one security is done within thirty minutes of a security price change.

52. The method of claim 47 further comprising calculating the Y Week High indicator value for at least one such security.

10 53. The method of claim 52 wherein the calculating comprises utilizing trade prices for at least one such security.

15 54. The method of claim 53 wherein the trade prices further comprise opening prices and closing prices for at least one such security.

55. The method of claim 54 wherein the calculating comprises utilizing bid prices or ask prices for at least one such security.

20 56. The method of claim 47 wherein the first computer system and the second computer system are coupled to a computer network.

57. The method of claim 56, wherein the computer network comprises the Internet.

25 58. The method of claim 47 wherein the user configuration data further comprises a list of securities.

59. The method of claim 47 wherein the user configuration data further comprises a list of securities exchanges.

30 60. The method of claim 59 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.

61. The method of claim 47 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.

35 62. The method of claim 47 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.

40 63. The method of claim 47 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.

64. The method of claim 63 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.

65. The method of claim 47 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.

66. The method of claim 47 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.

67. The method of claim 66 wherein the directional scrolling is to scroll down.

68. The method of claim 66 wherein the directional scrolling is to scroll up.

69. The method of claim 66 wherein the directional scrolling is to remain static.

70. A method of displaying information about securities, the method comprising:
receiving user configuration data into a first computer system, wherein the user configuration data configures the first computer system or a second computer system to provide information indicating when a New Low Bid occurs for at least one security;
automatically monitoring prices of at least one security to determine if a New Low Bid has occurred for at least one such security;
when a New Low Bid has occurred for at least one such security, automatically displaying information to the user indicating that a New Low Bid has occurred for at least one such security.

71. The method of claim 70 wherein the automatic display of information to the user is done in real-time.

72. The method of claim 70 wherein the automatic display of information to the user is done within thirty minutes of a security price change.

73. The method of claim 70 wherein the automatic monitoring of prices of at least one security is done in real-time.

74. The method of claim 70 wherein the automatic monitoring of prices of at least one security is done within thirty minutes of a security price change.

75. The method of claim 70 further comprising calculating the New Low Bid indicator value for at least one such security.

76. The method of claim 75 wherein the calculating comprises utilizing trade prices for at least one such security.

77. The method of claim 76 wherein the trade prices further comprise opening prices and closing prices for at least one such security.

78. The method of claim 77 wherein the calculating comprises utilizing bid prices or ask prices for at least one such security.

79. The method of claim 70 wherein the first computer system and the second computer system are coupled to a computer network.

80. The method of claim 79, wherein the computer network comprises the Internet.

81. The method of claim 70 wherein the user configuration data further comprises a list of securities.

82. The method of claim 70 wherein the user configuration data further comprises a list of securities exchanges.

83. The method of claim 82 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.

84. The method of claim 70 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.

85. The method of claim 70 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.

86. The method of claim 70 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.

87. The method of claim 86 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.

88. The method of claim 70 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.

89. The method of claim 70 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.

90. The method of claim 89 wherein the directional scrolling is to scroll down.

91. The method of claim 89 wherein the directional scrolling is to scroll up.

92. The method of claim 89 wherein the directional scrolling is to remain static.

93. A method of displaying information about securities, the method comprising:

receiving user configuration data into a first computer system, wherein the user configuration data configures the first computer system or a second computer system to provide information indicating when a Low Most Active occurs for at least one security;

automatically monitoring prices of at least one security to determine if a Low Most Active has occurred for at least one such security;

when a Low Most Active has occurred for at least one such security, automatically displaying information to the user indicating that a Low Most Active has occurred for at least one such security.

94. The method of claim 93 wherein the automatic display of information to the user is done in real-time.

95. The method of claim 93 wherein the automatic display of information to the user is done within thirty minutes of a security price change.

96. The method of claim 93 wherein the automatic monitoring of prices of at least one security is done in real-time.

97. The method of claim 93 wherein the automatic monitoring of prices of at least one security is done within thirty minutes of a security price change.

98. The method of claim 93 further comprising calculating the Low Most Active indicator value for at least one such security.

99. The method of claim 98 wherein the calculating comprises utilizing trade prices for at least one such security.

100. The method of claim 99 wherein the trade prices further comprise opening prices and closing prices for at least one such security.

101. The method of claim 100 wherein the calculating comprises utilizing bid prices or ask prices for at least one such security.

102. The method of claim 93 wherein the first computer system and the second computer system are coupled to a computer network.

103. The method of claim 102, wherein the computer network comprises the Internet.

104. The method of claim 93 wherein the user configuration data further comprises a list of securities.

105. The method of claim 93 wherein the user configuration data further comprises a list of securities exchanges.

106. The method of claim 105 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.

107. The method of claim 93 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.

108. The method of claim 93 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.

109. The method of claim 93 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.

110. The method of claim 109 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.

111. The method of claim 93 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.

112. The method of claim 93 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.

113. The method of claim 112 wherein the directional scrolling is to scroll down.

114. The method of claim 112 wherein the directional scrolling is to scroll up.

115. The method of claim 112 wherein the directional scrolling is to remain static.

116. A method of displaying information about securities, the method comprising:

receiving user configuration data into a first computer system, wherein the user configuration data configures the first computer system or a second computer system to provide information indicating when a Y Week Low occurs for at least one security, wherein Y is a number ranging from 1 to 52;

automatically monitoring prices of at least one security to determine if a Y Week Low has occurred for at least one such security;

when a Y Week Low has occurred for at least one such security, automatically displaying information to the user indicating that a Y Week Low has occurred for at least one such security.

117. The method of claim 116 wherein the automatic display of information to the user is done in real-time.

118. The method of claim 116 wherein the automatic display of information to the user is done within thirty minutes of a security price change.

119. The method of claim 116 wherein the automatic monitoring of prices of at least one security is done in real-time.

120. The method of claim 116 wherein the automatic monitoring of prices of at least one security is done within thirty minutes of a security price change.

121. The method of claim 116 further comprising calculating the Y Week Low indicator value for at least one such security.

122. The method of claim 121 wherein the calculating comprises utilizing trade prices for at least one such security.

123. The method of claim 122 wherein the trade prices further comprise opening prices and closing prices for at least one such security.

124. The method of claim 123 wherein the calculating comprises utilizing bid prices or ask prices for at least one such security.

125. The method of claim 116 wherein the first computer system and the second computer system are coupled to a computer network.

126. The method of claim 125, wherein the computer network comprises the Internet.

127. The method of claim 116 wherein the user configuration data further comprises a list of securities.

128. The method of claim 116 wherein the user configuration data further comprises a list of securities exchanges.

129. The method of claim 128 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.

130. The method of claim 116 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.

131. The method of claim 116 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.

132. The method of claim 116 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.

133. The method of claim 132 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.

134. The method of claim 116 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.

135. The method of claim 116 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.

136. The method of claim 135 wherein the directional scrolling is to scroll down.

137. The method of claim 135 wherein the directional scrolling is to scroll up.

138. The method of claim 135 wherein the directional scrolling is to remain static.

139. A method of displaying information about securities, the method comprising:
receiving user configuration data into a first computer system, wherein the user configuration data configures the first computer system or a second computer system to provide information indicating when a Whiplash Down occurs for at least one security;

automatically monitoring prices of at least one security to determine if a Whiplash Down has occurred for at least one such security;

when a Whiplash Down has occurred for at least one such security, automatically displaying information to the user indicating that a Whiplash Down has occurred for at least one such security.

140. The method of claim 139 wherein the automatic display of information to the user is done in real-time.

141. The method of claim 139 wherein the automatic display of information to the user is done within thirty minutes of a security price change.

142. The method of claim 139 wherein the automatic monitoring of prices of at least one security is done in real-time.

143. The method of claim 139 wherein the automatic monitoring of prices of at least one security is done within thirty minutes of a security price change.

144. The method of claim 139 further comprising calculating the Whiplash Down indicator value for at least one such security.

145. The method of claim 144 wherein the calculating comprises utilizing trade prices for at least one such security.

146. The method of claim 145 wherein the trade prices further comprise opening prices and closing prices for at least one such security.

147. The method of claim 146 wherein the calculating comprises utilizing bid prices or ask prices for at least one such security.

148. The method of claim 139 wherein the first computer system and the second computer system are coupled to a computer network.

149. The method of claim 148, wherein the computer network comprises the Internet.

150. The method of claim 139 wherein the user configuration data further comprises a list of securities.

151. The method of claim 139 wherein the user configuration data further comprises a list of securities exchanges.

152. The method of claim 151 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.

153. The method of claim 139 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.

154. The method of claim 139 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.

155. The method of claim 139 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.

156. The method of claim 155 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.

157. The method of claim 139 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.

158. The method of claim 139 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.

159. The method of claim 158 wherein the directional scrolling is to scroll down.

160. The method of claim 158 wherein the directional scrolling is to scroll up.

161. The method of claim 158 wherein the directional scrolling is to remain static.

162. A method of displaying information about securities, the method comprising:

receiving user configuration data into a first computer system, wherein the user configuration data configures the first computer system or a second computer system to provide information indicating when a Breakdown occurs for at least one security;

automatically monitoring prices of at least one security to determine if a Breakdown has occurred for at least one such security;

when a Breakdown has occurred for at least one such security, automatically displaying information to the user indicating that a Breakdown has occurred for at least one such security.

163. The method of claim 162 wherein the automatic display of information to the user is done in real-time.

164. The method of claim 162 wherein the automatic display of information to the user is done within thirty minutes of a security price change.

165. The method of claim 162 wherein the automatic monitoring of prices of at least one security is done in real-time.

166. The method of claim 162 wherein the automatic monitoring of prices of at least one security is done within thirty minutes of a security price change.

167. The method of claim 162 further comprising calculating the Breakdown indicator value for at least one such security.

168. The method of claim 167 wherein the calculating comprises utilizing trade prices for at least one such security.

169. The method of claim 168 wherein the trade prices further comprise opening prices and closing prices for at least one such security.

170. The method of claim 169 wherein the calculating comprises utilizing bid prices or ask prices for at least one such security.

171. The method of claim 162 wherein the first computer system and the second computer system are coupled to a computer network.

172. The method of claim 171, wherein the computer network comprises the Internet.

173. The method of claim 162 wherein the user configuration data further comprises a list of securities.

174. The method of claim 162 wherein the user configuration data further comprises a list of securities exchanges.

175. The method of claim 174 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.

176. The method of claim 162 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.

177. The method of claim 162 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.

178. The method of claim 162 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.

- 5 179. The method of claim 178 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.
- 10 180. The method of claim 162 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.
181. The method of claim 162 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.
- 15 182. The method of claim 181 wherein the directional scrolling is to scroll down.
183. The method of claim 181 wherein the directional scrolling is to scroll up.
184. The method of claim 181 wherein the directional scrolling is to remain static.
- 20 185. A method of displaying information about securities, the method comprising:
receiving user configuration data into a first computer system, wherein the user configuration data configures the first computer system or a second computer system to provide information indicating when a Volume Move Up occurs for at least one security;
automatically monitoring prices of at least one security to determine if a Volume Move Up has occurred for at least one such security;
when a Volume Move Up has occurred for at least one such security, automatically displaying
15 information to the user indicating that a Volume Move Up has occurred for at least one such security.
186. The method of claim 185 wherein the automatic display of information to the user is done in real-time.
- 0 187. The method of claim 185 wherein the automatic display of information to the user is done within thirty minutes of a security price change.
188. The method of claim 185 wherein the automatic monitoring of prices of at least one security is done in real-time.
- 5 189. The method of claim 185 wherein the automatic monitoring of prices of at least one security is done within thirty minutes of a security price change.
190. The method of claim 185 further comprising calculating the Volume Move Up indicator value for at least one such security.

191. The method of claim 190 wherein the calculating comprises utilizing trade prices for at least one such security.

192. The method of claim 191 wherein the trade prices further comprise opening prices and closing prices for at least one such security.

193. The method of claim 192 wherein the calculating comprises utilizing bid prices or ask prices for at least one such security.

194. The method of claim 185 wherein the first computer system and the second computer system are coupled to a computer network.

195. The method of claim 194, wherein the computer network comprises the Internet.

196. The method of claim 185 wherein the user configuration data further comprises a list of securities.

197. The method of claim 185 wherein the user configuration data further comprises a list of securities exchanges.

198. The method of claim 197 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.

199. The method of claim 185 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.

200. The method of claim 185 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.

201. The method of claim 185 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.

202. The method of claim 201 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.

203. The method of claim 185 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.

204. The method of claim 185 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.

205. The method of claim 204 wherein the directional scrolling is to scroll down.

206. The method of claim 204 wherein the directional scrolling is to scroll up.

207. The method of claim 204 wherein the directional scrolling is to remain static.

208. A method of displaying information about securities, the method comprising:
receiving user configuration data into a first computer system, wherein the user configuration data configures the first computer system or a second computer system to provide information indicating when a Volume Move Down occurs for at least one security;

automatically monitoring prices of at least one security to determine if a Volume Move Down has occurred for at least one such security;

when a Volume Move Down has occurred for at least one such security, automatically displaying information to the user indicating that a Volume Move Down has occurred for at least one such security.

209. The method of claim 208 wherein the automatic display of information to the user is done in real-time.

210. The method of claim 208 wherein the automatic display of information to the user is done within thirty minutes of a security price change.

211. The method of claim 208 wherein the automatic monitoring of prices of at least one security is done in real-time.

212. The method of claim 208 wherein the automatic monitoring of prices of at least one security is done within thirty minutes of a security price change.

213. The method of claim 208 further comprising calculating the Volume Move Down indicator value for at least one such security.

214. The method of claim 213 wherein the calculating comprises utilizing trade prices for at least one such security.

215. The method of claim 214 wherein the trade prices further comprise opening prices and closing prices for at least one such security.

216. The method of claim 215 wherein the calculating comprises utilizing bid prices or ask prices for at least one such security.
217. The method of claim 208 wherein the first computer system and the second computer system are coupled to a computer network.
218. The method of claim 217, wherein the computer network comprises the Internet.
219. The method of claim 208 wherein the user configuration data further comprises a list of securities.
220. The method of claim 208 wherein the user configuration data further comprises a list of securities exchanges.
221. The method of claim 220 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.
222. The method of claim 208 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.
223. The method of claim 208 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.
224. The method of claim 208 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.
225. The method of claim 224 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.
226. The method of claim 208 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.
227. The method of claim 208 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.
228. The method of claim 227 wherein the directional scrolling is to scroll down.
229. The method of claim 227 wherein the directional scrolling is to scroll up.

230. The method of claim 227 wherein the directional scrolling is to remain static.

231. A method of displaying information about securities, the method comprising:
receiving user configuration data into a first computer system, wherein the user configuration data
configures the first computer system or a second computer system to provide information indicating when a
Volume Spike occurs for at least one security;

automatically monitoring prices of at least one security to determine if a Volume Spike has
occurred for at least one such security;

when a Volume Spike has occurred for at least one such security, automatically displaying
information to the user indicating that a Volume Spike has occurred for at least one such security.

232. The method of claim 231 wherein the automatic display of information to the user is done in real-time.

233. The method of claim 231 wherein the automatic display of information to the user is done within
thirty minutes of a security price change.

234. The method of claim 231 wherein the automatic monitoring of prices of at least one security is
done in real-time.

235. The method of claim 231 wherein the automatic monitoring of prices of at least one security is
done within thirty minutes of a security price change.

236. The method of claim 231 further comprising calculating the Volume Spike indicator value for at
least one such security.

237. The method of claim 236 wherein the calculating comprises utilizing trade prices for at least one
such security.

238. The method of claim 237 wherein the trade prices further comprise opening prices and closing
prices for at least one such security.

239. The method of claim 238 wherein the calculating comprises utilizing bid prices or ask prices for
at least one such security.

240. The method of claim 231 wherein the first computer system and the second computer system are
coupled to a computer network.

241. The method of claim 240, wherein the computer network comprises the Internet.

242. The method of claim 231 wherein the user configuration data further comprises a list of securities.
243. The method of claim 231 wherein the user configuration data further comprises a list of securities exchanges.
- 5 244. The method of claim 243 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.
- 10 245. The method of claim 231 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.
246. The method of claim 231 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.
- 15 247. The method of claim 231 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.
- 20 248. The method of claim 247 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.
249. The method of claim 231 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.
- 25 250. The method of claim 231 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.
251. The method of claim 250 wherein the directional scrolling is to scroll down.
- 30 252. The method of claim 250 wherein the directional scrolling is to scroll up.
253. The method of claim 250 wherein the directional scrolling is to remain static.
- 35 254. A method of displaying information about securities, the method comprising:
receiving user configuration data into a first computer system, wherein the user configuration data configures the first computer system or a second computer system to provide information indicating when a Consolidation occurs for at least one security;
automatically monitoring prices of at least one security to determine if a Consolidation has
40 occurred for at least one such security;

when a Consolidation has occurred for at least one such security, automatically displaying information to the user indicating that a Consolidation has occurred for at least one such security.

5 255. The method of claim 254 wherein the automatic display of information to the user is done in real-time.

256. The method of claim 254 wherein the automatic display of information to the user is done within thirty minutes of a security price change.

10 257. The method of claim 254 wherein the automatic monitoring of prices of at least one security is done in real-time.

258. The method of claim 254 wherein the automatic monitoring of prices of at least one security is done within thirty minutes of a security price change.

15 259. The method of claim 254 further comprising calculating the Consolidation indicator value for at least one such security.

20 260. The method of claim 259 wherein the calculating comprises utilizing trade prices for at least one such security.

261. The method of claim 260 wherein the trade prices further comprise opening prices and closing prices for at least one such security.

25 262. The method of claim 261 wherein the calculating comprises utilizing bid prices or ask prices for at least one such security.

263. The method of claim 254 wherein the first computer system and the second computer system are coupled to a computer network.

30 264. The method of claim 263, wherein the computer network comprises the Internet.

265. The method of claim 254 wherein the user configuration data further comprises a list of securities.

35 266. The method of claim 254 wherein the user configuration data further comprises a list of securities exchanges.

40 267. The method of claim 266 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.

268. The method of claim 254 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.

269. The method of claim 254 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.

270. The method of claim 254 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.

271. The method of claim 270 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.

272. The method of claim 254 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.

273. The method of claim 254 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.

274. The method of claim 273 wherein the directional scrolling is to scroll down.

275. The method of claim 273 wherein the directional scrolling is to scroll up.

276. The method of claim 273 wherein the directional scrolling is to remain static.

277. A method of displaying information about securities, the method comprising:

receiving user configuration data into a first computer system, wherein the user configuration data configures the first computer system or a second computer system to provide information indicating when a Channel Breakout occurs for at least one security;

automatically monitoring prices of at least one security to determine if a Channel Breakout has occurred for at least one such security;

when a Channel Breakout has occurred for at least one such security, automatically displaying information to the user indicating that a Channel Breakout has occurred for at least one such security.

278. The method of claim 277 wherein the automatic display of information to the user is done in real-time.

279. The method of claim 277 wherein the automatic display of information to the user is done within thirty minutes of a security price change.

280. The method of claim 277 wherein the automatic monitoring of prices of at least one security is done in real-time.

281. The method of claim 277 wherein the automatic monitoring of prices of at least one security is done within thirty minutes of a security price change.

282. The method of claim 277 further comprising calculating the Channel Breakout indicator value for at least one such security.

283. The method of claim 282 wherein the calculating comprises utilizing trade prices for at least one such security.

284. The method of claim 283 wherein the trade prices further comprise opening prices and closing prices for at least one such security.

285. The method of claim 284 wherein the calculating comprises utilizing bid prices or ask prices for at least one such security.

286. The method of claim 277 wherein the first computer system and the second computer system are coupled to a computer network.

287. The method of claim 286, wherein the computer network comprises the Internet.

288. The method of claim 277 wherein the user configuration data further comprises a list of securities.

289. The method of claim 277 wherein the user configuration data further comprises a list of securities exchanges.

290. The method of claim 289 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.

291. The method of claim 277 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.

292. The method of claim 277 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.

293. The method of claim 277 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.

294. The method of claim 293 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.

295. The method of claim 277 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.

296. The method of claim 277 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.

297. The method of claim 296 wherein the directional scrolling is to scroll down.

298. The method of claim 296 wherein the directional scrolling is to scroll up.

299. The method of claim 296 wherein the directional scrolling is to remain static.

300. A method of displaying information about securities, the method comprising:
receiving user configuration data into a first computer system, wherein the user configuration data configures the first computer system or a second computer system to provide information indicating when a Channel Breakdown occurs for at least one security;
automatically monitoring prices of at least one security to determine if a Channel Breakdown has occurred for at least one such security;
when a Channel Breakdown has occurred for at least one such security, automatically displaying information to the user indicating that a Channel Breakdown has occurred for at least one such security.

301. The method of claim 300 wherein the automatic display of information to the user is done in real-time.

302. The method of claim 300 wherein the automatic display of information to the user is done within thirty minutes of a security price change.

303. The method of claim 300 wherein the automatic monitoring of prices of at least one security is done in real-time.

304. The method of claim 300 wherein the automatic monitoring of prices of at least one security is done within thirty minutes of a security price change.

305. The method of claim 300 further comprising calculating the Channel Breakdown indicator value for at least one such security.

306. The method of claim 305 wherein the calculating comprises utilizing trade prices for at least one such security.

5 307. The method of claim 306 wherein the trade prices further comprise opening prices and closing prices for at least one such security.

308. The method of claim 307 wherein the calculating comprises utilizing bid prices or ask prices for at least one such security.

10 309. The method of claim 300 wherein the first computer system and the second computer system are coupled to a computer network.

310. The method of claim 309, wherein the computer network comprises the Internet.

15 311. The method of claim 300 wherein the user configuration data further comprises a list of securities.

312. The method of claim 300 wherein the user configuration data further comprises a list of securities exchanges.

20 313. The method of claim 312 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.

25 314. The method of claim 300 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.

315. The method of claim 300 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.

30 316. The method of claim 300 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.

35 317. The method of claim 316 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where \bar{X} is a number ranging from 1 to 365.

318. The method of claim 300 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.

319. The method of claim 300 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.

320. The method of claim 319 wherein the directional scrolling is to scroll down.

321. The method of claim 319 wherein the directional scrolling is to scroll up.

322. The method of claim 319 wherein the directional scrolling is to remain static.

323. A method of displaying information about securities, the method comprising:
receiving user configuration data into a first computer system, wherein the user configuration data configures the first computer system or a second computer system to provide information indicating when an Up Trend occurs for at least one security;

automatically monitoring prices of at least one security to determine if an Up Trend has occurred for at least one such security;

when an Up Trend has occurred for at least one such security, automatically displaying information to the user indicating that an Up Trend has occurred for at least one such security.

324. The method of claim 323 wherein the automatic display of information to the user is done in real-time.

325. The method of claim 323 wherein the automatic display of information to the user is done within thirty minutes of a security price change.

326. The method of claim 323 wherein the automatic monitoring of prices of at least one security is done in real-time.

327. The method of claim 323 wherein the automatic monitoring of prices of at least one security is done within thirty minutes of a security price change.

328. The method of claim 323 further comprising calculating the Up Trend indicator value for at least one such security.

329. The method of claim 328 wherein the calculating comprises utilizing trade prices for at least one such security.

330. The method of claim 329 wherein the trade prices further comprise opening prices and closing prices for at least one such security.

331. The method of claim 330 wherein the calculating comprises utilizing bid prices or ask prices for at least one such security.

5 332. The method of claim 323 wherein the first computer system and the second computer system are coupled to a computer network.

333. The method of claim 332, wherein the computer network comprises the Internet.

10 334. The method of claim 323 wherein the user configuration data further comprises a list of securities.

335. The method of claim 323 wherein the user configuration data further comprises a list of securities exchanges.

15 336. The method of claim 335 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.

337. The method of claim 323 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.

20 338. The method of claim 323 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.

25 339. The method of claim 323 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.

30 340. The method of claim 339 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.

341. The method of claim 323 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.

35 342. The method of claim 323 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.

343. The method of claim 342 wherein the directional scrolling is to scroll down.

40 344. The method of claim 342 wherein the directional scrolling is to scroll up.

345. The method of claim 342 wherein the directional scrolling is to remain static.

346. A method of displaying information about securities, the method comprising:

5 receiving user configuration data into a first computer system, wherein the user configuration data configures the first computer system or a second computer system to provide information indicating when a Down Trend occurs for at least one security;

automatically monitoring prices of at least one security to determine if a Down Trend has occurred for at least one such security;

10 when a Down Trend has occurred for at least one such security, automatically displaying information to the user indicating that a Down Trend has occurred for at least one such security.

347. The method of claim 346 wherein the automatic display of information to the user is done in real-time.

15 348. The method of claim 346 wherein the automatic display of information to the user is done within thirty minutes of a security price change.

349. The method of claim 346 wherein the automatic monitoring of prices of at least one security is done in real-time.

20 350. The method of claim 346 wherein the automatic monitoring of prices of at least one security is done within thirty minutes of a security price change.

25 351. The method of claim 346 further comprising calculating the Down Trend indicator value for at least one such security.

352. The method of claim 351 wherein the calculating comprises utilizing trade prices for at least one such security.

30 353. The method of claim 352 wherein the trade prices further comprise opening prices and closing prices for at least one such security.

354. The method of claim 353 wherein the calculating comprises utilizing bid prices or ask prices for at least one such security.

35 355. The method of claim 346 wherein the first computer system and the second computer system are coupled to a computer network.

40 356. The method of claim 355, wherein the computer network comprises the Internet.

357. The method of claim 346 wherein the user configuration data further comprises a list of securities.

358. The method of claim 346 wherein the user configuration data further comprises a list of securities exchanges.

359. The method of claim 358 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.

360. The method of claim 346 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.

361. The method of claim 346 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.

362. The method of claim 346 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.

363. The method of claim 362 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.

364. The method of claim 346 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.

365. The method of claim 346 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.

366. The method of claim 365 wherein the directional scrolling is to scroll down.

367. The method of claim 365 wherein the directional scrolling is to scroll up.

368. The method of claim 365 wherein the directional scrolling is to remain static.

369. A method of displaying information about securities, the method comprising:
receiving user configuration data into a first computer system, wherein the user configuration data configures the first computer system or a second computer system to provide information indicating when a Z Minute Breakout occurs for at least one security, wherein Z is a number ranging from 1 to 60;
automatically monitoring prices of at least one security to determine if a Z Minute Breakout has occurred for at least one such security;

when a Z Minute Breakout has occurred for at least one such security, automatically displaying information to the user indicating that a Z Minute Breakout has occurred for at least one such security.

5 370. The method of claim 369 wherein the automatic display of information to the user is done in real-time.

371. The method of claim 369 wherein the automatic display of information to the user is done within thirty minutes of a security price change.

10 372. The method of claim 369 wherein the automatic monitoring of prices of at least one security is done in real-time.

373. The method of claim 369 wherein the automatic monitoring of prices of at least one security is done within thirty minutes of a security price change.

15 374. The method of claim 369 further comprising calculating the Z Minute Breakout indicator value for at least one such security.

20 375. The method of claim 374 wherein the calculating comprises utilizing trade prices for at least one such security.

376. The method of claim 375 wherein the trade prices further comprise opening prices and closing prices for at least one such security.

25 377. The method of claim 376 wherein the calculating comprises utilizing bid prices or ask prices for at least one such security.

378. The method of claim 369 wherein the first computer system and the second computer system are coupled to a computer network.

30 379. The method of claim 378, wherein the computer network comprises the Internet.

380. The method of claim 369 wherein the user configuration data further comprises a list of securities.

35 381. The method of claim 369 wherein the user configuration data further comprises a list of securities exchanges.

382. The method of claim 381 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.

383. The method of claim 369 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.

384. The method of claim 369 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.

385. The method of claim 369 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.

386. The method of claim 385 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.

387. The method of claim 369 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.

388. The method of claim 369 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.

389. The method of claim 388 wherein the directional scrolling is to scroll down.

390. The method of claim 388 wherein the directional scrolling is to scroll up.

391. The method of claim 388 wherein the directional scrolling is to remain static.

392. A method of displaying information about securities, the method comprising:
receiving user configuration data into a first computer system, wherein the user configuration data configures the first computer system or a second computer system to provide information indicating when a Z Minute Breakdown occurs for at least one security, wherein Z is a number ranging from 1 to 60;
automatically monitoring prices of at least one security to determine if a Z Minute Breakdown has occurred for at least one such security;
when a Z Minute Breakdown has occurred for at least one such security, automatically displaying information to the user indicating that a Z Minute Breakdown has occurred for at least one such security.

393. The method of claim 392 wherein the automatic display of information to the user is done in real-time.

394. The method of claim 392 wherein the automatic display of information to the user is done within thirty minutes of a security price change.

395. The method of claim 392 wherein the automatic monitoring of prices of at least one security is done in real-time.

396. The method of claim 392 wherein the automatic monitoring of prices of at least one security is done within thirty minutes of a security price change.

397. The method of claim 392 further comprising calculating the Z Minute Breakdown indicator value for at least one such security.

398. The method of claim 397 wherein the calculating comprises utilizing trade prices for at least one such security.

399. The method of claim 398 wherein the trade prices further comprise opening prices and closing prices for at least one such security.

400. The method of claim 399 wherein the calculating comprises utilizing bid prices or ask prices for at least one such security.

401. The method of claim 392 wherein the first computer system and the second computer system are coupled to a computer network.

402. The method of claim 401, wherein the computer network comprises the Internet.

403. The method of claim 392 wherein the user configuration data further comprises a list of securities.

404. The method of claim 392 wherein the user configuration data further comprises a list of securities exchanges.

405. The method of claim 404 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.

406. The method of claim 392 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.

407. The method of claim 392 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.

408. The method of claim 392 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.

409. The method of claim 408 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.

410. The method of claim 392 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.

411. The method of claim 392 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.

412. The method of claim 411 wherein the directional scrolling is to scroll down.

413. The method of claim 411 wherein the directional scrolling is to scroll up.

414. The method of claim 411 wherein the directional scrolling is to remain static.

415. A method of viewing information about securities, the method comprising:

inputting user configuration data into a first computer system, wherein the user configuration data is adapted to configure the first computer system or a second computer system to provide information indicating when a New High Ask occurs for at least one security; and

viewing information on a user interface indicating when a New High Ask has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if a New High Ask has occurred for at least one such security.

416. The method of claim 415 further comprising trading at least one security based on the information indicating when a New High Ask has occurred for at least one such security.

417. A method of viewing information about securities, the method comprising:

inputting user configuration data into a first computer system, wherein the user configuration data is adapted to configure the first computer system or a second computer system to provide information indicating when a High Most Active occurs for at least one security; and

viewing information on a user interface indicating when a High Most Active has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if a High Most Active has occurred for at least one such security.

418. The method of claim 417 further comprising trading at least one security based on the information indicating when a High Most Active has occurred for at least one such security.

419. A method of viewing information about securities, the method comprising:

inputting user configuration data into a first computer system, wherein the user configuration data is adapted to configure the first computer system or a second computer system to provide information indicating when a Y Week High occurs for at least one security, wherein Y is a number ranging from 1 to 52; and

viewing information on a user interface indicating when a Y Week High has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if a Y Week High has occurred for at least one such security.

420. The method of claim 419 further comprising trading at least one security based on the information indicating when a Y Week High has occurred for at least one such security.

421. A method of viewing information about securities, the method comprising:

inputting user configuration data into a first computer system, wherein the user configuration data is adapted to configure the first computer system or a second computer system to provide information indicating when a New Low Bid occurs for at least one security; and

viewing information on a user interface indicating when a New Low Bid has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if a New Low Bid has occurred for at least one such security.

422. The method of claim 421 further comprising trading at least one security based on the information indicating when a New Low Bid has occurred for at least one such security.

423. A method of viewing information about securities, the method comprising:

inputting user configuration data into a first computer system, wherein the user configuration data is adapted to configure the first computer system or a second computer system to provide information indicating when a Low Most Active occurs for at least one security; and

viewing information on a user interface indicating when a Low Most Active has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if a Low Most Active has occurred for at least one such security.

424. The method of claim 423 further comprising trading at least one security based on the information indicating when a Low Most Active has occurred for at least one such security.

425. A method of viewing information about securities, the method comprising:

inputting user configuration data into a first computer system, wherein the user configuration data is adapted to configure the first computer system or a second computer system to provide information indicating when a Y Week Low occurs for at least one security, wherein Y is a number ranging from 1 to 52; and

viewing information on a user interface indicating when a Y Week Low has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if a Y Week Low has occurred for at least one such security.

426. The method of claim 425 further comprising trading at least one security based on the information indicating when a Y Week Low has occurred for at least one such security.

427. A method of viewing information about securities, the method comprising:

inputting user configuration data into a first computer system, wherein the user configuration data is adapted to configure the first computer system or a second computer system to provide information indicating when a Whiplash Down occurs for at least one security; and

viewing information on a user interface indicating when a Whiplash Down has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if a Whiplash Down has occurred for at least one such security.

428. The method of claim 427 further comprising trading at least one security based on the information indicating when a Whiplash Down has occurred for at least one such security.

429. A method of viewing information about securities, the method comprising:

inputting user configuration data into a first computer system, wherein the user configuration data is adapted to configure the first computer system or a second computer system to provide information indicating when a Breakdown occurs for at least one security; and

viewing information on a user interface indicating when a Breakdown has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if a Breakdown has occurred for at least one such security.

430. The method of claim 429 further comprising trading at least one security based on the information indicating when a Breakdown has occurred for at least one such security.

431. A method of viewing information about securities, the method comprising:

inputting user configuration data into a first computer system, wherein the user configuration data is adapted to configure the first computer system or a second computer system to provide information indicating when a Volume Move Up occurs for at least one security; and

viewing information on a user interface indicating when a Volume Move Up has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if a Volume Move Up has occurred for at least one such security.

432. The method of claim 431 further comprising trading at least one security based on the information indicating when a Volume Move Up has occurred for at least one such security.

433. A method of viewing information about securities, the method comprising:

inputting user configuration data into a first computer system, wherein the user configuration data is adapted to configure the first computer system or a second computer system to provide information indicating when a Volume Move Down occurs for at least one security; and

viewing information on a user interface indicating when a Volume Move Down has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if a Volume Move Down has occurred for at least one such security.

434. The method of claim 433 further comprising trading at least one security based on the information indicating when a Volume Move Down has occurred for at least one such security.

435. A method of viewing information about securities, the method comprising:

inputting user configuration data into a first computer system, wherein the user configuration data is adapted to configure the first computer system or a second computer system to provide information indicating when a Volume Spike occurs for at least one security; and

viewing information on a user interface indicating when a Volume Spike has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if a Volume Spike has occurred for at least one such security.

436. The method of claim 435 further comprising trading at least one security based on the information indicating when a Volume Spike has occurred for at least one such security.

437. A method of viewing information about securities, the method comprising:

inputting user configuration data into a first computer system, wherein the user configuration data is adapted to configure the first computer system or a second computer system to provide information indicating when a Consolidation occurs for at least one security; and

viewing information on a user interface indicating when a Consolidation has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if a Consolidation has occurred for at least one such security.

438. The method of claim 437 further comprising trading at least one security based on the information indicating when a Consolidation has occurred for at least one such security.

439. A method of viewing information about securities, the method comprising:

inputting user configuration data into a first computer system, wherein the user configuration data is adapted to configure the first computer system or a second computer system to provide information indicating when a Channel Breakout occurs for at least one security; and

viewing information on a user interface indicating when a Channel Breakout has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if a Channel Breakout has occurred for at least one such security.

440. The method of claim 439 further comprising trading at least one security based on the information indicating when a Channel Breakout has occurred for at least one such security.

441. A method of viewing information about securities, the method comprising:

inputting user configuration data into a first computer system, wherein the user configuration data is adapted to configure the first computer system or a second computer system to provide information indicating when a Channel Breakdown occurs for at least one security; and

viewing information on a user interface indicating when a Channel Breakdown has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if a Channel Breakdown has occurred for at least one such security.

442. The method of claim 441 further comprising trading at least one security based on the information indicating when a Channel Breakdown has occurred for at least one such security.

443. A method of viewing information about securities, the method comprising:
inputting user configuration data into a first computer system, wherein the user configuration data is adapted to configure the first computer system or a second computer system to provide information indicating when an Up Trend occurs for at least one security; and

5 viewing information on a user interface indicating when an Up Trend has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if an Up Trend has occurred for at least one such security.

10 444. The method of claim 443 further comprising trading at least one security based on the information indicating when an Up Trend has occurred for at least one such security.

445. A method of viewing information about securities, the method comprising:
inputting user configuration data into a first computer system, wherein the user configuration data is adapted to configure the first computer system or a second computer system to provide information indicating when a Down Trend occurs for at least one security; and

15 viewing information on a user interface indicating when a Down Trend has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if a Down Trend has occurred for at least one such security.

20 446. The method of claim 445 further comprising trading at least one security based on the information indicating when a Down Trend has occurred for at least one such security.

25 447. A method of viewing information about securities, the method comprising:
inputting user configuration data into a first computer system, wherein the user configuration data is adapted to configure the first computer system or a second computer system to provide information indicating when a Z Minute Breakout occurs for at least one security, wherein Z is a number ranging from 1 to 60; and

30 viewing information on a user interface indicating when a Z Minute Breakout has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if a Z Minute Breakout has occurred for at least one such security.

35 448. The method of claim 447 further comprising trading at least one security based on the information indicating when a Z Minute Breakout has occurred for at least one such security.

40 449. A method of viewing information about securities, the method comprising:
inputting user configuration data into a first computer system, wherein the user configuration data

is adapted to configure the first computer system or a second computer system to provide information indicating when a Z Minute Breakdown occurs for at least one security, wherein Z is a number ranging from 1 to 60; and

viewing information on a user interface indicating when a Z Minute Breakdown has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if a Z Minute Breakdown has occurred for at least one such security.

450. The method of claim 449 further comprising trading at least one security based on the information indicating when a Z Minute Breakdown has occurred for at least one such security.

451. A computerized user configurable securities information display system comprising:

a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;

wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;

wherein the user configuration data comprises a New High Ask indicator.

452. The system of claim 451 wherein the system is configured to display fluctuations in prices of securities in real-time.

453. The system of claim 451 wherein the system is configured to display the New High Ask indicator for each of one or more securities in real-time.

454. The system of claim 451 wherein the network comprises the Internet.

455. A computerized user configurable securities information display system comprising:

a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;

wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;

wherein the user configuration data comprises a High Most Active indicator.

456. The system of claim 455 wherein the system is configured to display fluctuations in prices of securities in real-time.

457. The system of claim 455 wherein the system is configured to display the High Most Active indicator for each of one or more securities in real-time.

458. The system of claim 455 wherein the network comprises the Internet.

459. A computerized user configurable securities information display system comprising:

a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;

wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;

wherein the user configuration data comprises a Y Week High indicator, wherein Y is a number ranging from 1 to 52.

460. The system of claim 459 wherein the system is configured to display fluctuations in prices of securities in real-time.

461. The system of claim 459 wherein the system is configured to display the Y Week High indicator for each of one or more securities in real-time.

462. The system of claim 459 wherein the network comprises the Internet.

463. A computerized user configurable securities information display system comprising:

a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;

wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;

wherein the user configuration data comprises a New Low Bid indicator.

464. The system of claim 463 wherein the system is configured to display fluctuations in prices of securities in real-time.

465. The system of claim 463 wherein the system is configured to display the New Low Bid indicator for each of one or more securities in real-time.

466. The system of claim 463 wherein the network comprises the Internet.

467. A computerized user configurable securities information display system comprising:

a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;

wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;

wherein the user configuration data comprises a Low Most Active indicator.

468. The system of claim 467 wherein the system is configured to display fluctuations in prices of securities in real-time.

469. The system of claim 467 wherein the system is configured to display the Low Most Active indicator for each of one or more securities in real-time.

470. The system of claim 467 wherein the network comprises the Internet.

471. A computerized user configurable securities information display system comprising:

a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;

wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;

wherein the user configuration data comprises a Y Week Low indicator, wherein Y is a number ranging from 1 to 52.

472. The system of claim 471 wherein the system is configured to display fluctuations in prices of securities in real-time.

473. The system of claim 471 wherein the system is configured to display the Y Week Low indicator for each of one or more securities in real-time.

474. The system of claim 471 wherein the network comprises the Internet.

475. A computerized user configurable securities information display system comprising:

5 a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;

10 wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;

wherein the user configuration data comprises a Whiplash Down indicator.

476. The system of claim 475 wherein the system is configured to display fluctuations in prices of securities in real-time.

477. The system of claim 475 wherein the system is configured to display the Whiplash Down indicator for each of one or more securities in real-time.

478. The system of claim 475 wherein the network comprises the Internet.

479. A computerized user configurable securities information display system comprising:

20 a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;

25 wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;

wherein the user configuration data comprises a Breakdown indicator.

480. The system of claim 479 wherein the system is configured to display fluctuations in prices of securities in real-time.

481. The system of claim 479 wherein the system is configured to display the Breakdown indicator for each of one or more securities in real-time.

482. The system of claim 479 wherein the network comprises the Internet.

483. A computerized user configurable securities information display system comprising:

a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;

wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;

wherein the user configuration data comprises a Volume Move Up indicator.

484. The system of claim 483 wherein the system is configured to display fluctuations in prices of securities in real-time.

485. The system of claim 483 wherein the system is configured to display the Volume Move Up indicator for each of one or more securities in real-time.

486. The system of claim 483 wherein the network comprises the Internet.

487. A computerized user configurable securities information display system comprising:

a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;

wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;

wherein the user configuration data comprises a Volume Move Down indicator.

488. The system of claim 487 wherein the system is configured to display fluctuations in prices of securities in real-time.

489. The system of claim 487 wherein the system is configured to display the Volume Move Down indicator for each of one or more securities in real-time.

490. The system of claim 487 wherein the network comprises the Internet.

491. A computerized user configurable securities information display system comprising:

a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;

wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;

wherein the user configuration data comprises a Volume Spike indicator.

492. The system of claim 491 wherein the system is configured to display fluctuations in prices of securities in real-time.

493. The system of claim 491 wherein the system is configured to display the Volume Spike indicator for each of one or more securities in real-time.

494. The system of claim 491 wherein the network comprises the Internet.

495. A computerized user configurable securities information display system comprising:

a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;

wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;

wherein the user configuration data comprises a Consolidation indicator.

496. The system of claim 495 wherein the system is configured to display fluctuations in prices of securities in real-time.

497. The system of claim 495 wherein the system is configured to display the Consolidation indicator for each of one or more securities in real-time.

498. The system of claim 495 wherein the network comprises the Internet.

499. A computerized user configurable securities information display system comprising:

a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;

wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;

wherein the user configuration data comprises a Channel Breakout indicator.

500. The system of claim 499 wherein the system is configured to display fluctuations in prices of securities in real-time.

5 501. The system of claim 499 wherein the system is configured to display the Channel Breakout indicator for each of one or more securities in real-time.

502. The system of claim 499 wherein the network comprises the Internet.

10 503. A computerized user configurable securities information display system comprising:

a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;

15 wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;

wherein the user configuration data comprises a Channel Breakdown indicator.

20 504. The system of claim 503 wherein the system is configured to display fluctuations in prices of securities in real-time.

505. The system of claim 503 wherein the system is configured to display the Channel Breakdown indicator for each of one or more securities in real-time.

25 506. The system of claim 503 wherein the network comprises the Internet.

507. A computerized user configurable securities information display system comprising:

30 a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;

wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;

35 wherein the user configuration data comprises an Up Trend indicator.

508. The system of claim 507 wherein the system is configured to display fluctuations in prices of securities in real-time.

509. The system of claim 507 wherein the system is configured to display the Up Trend indicator for each of one or more securities in real-time.

510. The system of claim 507 wherein the network comprises the Internet.

511. A computerized user configurable securities information display system comprising:

a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;

wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;

wherein the user configuration data comprises a Down Trend indicator.

512. The system of claim 511 wherein the system is configured to display fluctuations in prices of securities in real-time.

513. The system of claim 511 wherein the system is configured to display the Down Trend indicator for each of one or more securities in real-time.

514. The system of claim 511 wherein the network comprises the Internet.

515. A computerized user configurable securities information display system comprising:

a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;

wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;

wherein the user configuration data comprises a Z Minute Breakout indicator, wherein Z is a number ranging from 1 to 60.

516. The system of claim 515 wherein the system is configured to display fluctuations in prices of securities in real-time.

517. The system of claim 515 wherein the system is configured to display the Z Minute Breakout indicator for each of one or more securities in real-time.

518. The system of claim 515 wherein the network comprises the Internet.

519. A computerized user configurable securities information display system comprising:

5 a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;

10 wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;

wherein the user configuration data comprises a Z Minute Breakdown indicator, wherein Z is a number ranging from 1 to 60.

15 520. The system of claim 519 wherein the system is configured to display fluctuations in prices of securities in real-time.

521. The system of claim 519 wherein the system is configured to display the Z Minute Breakdown indicator for each of one or more securities in real-time.

20 522. The system of claim 519 wherein the network comprises the Internet.

523. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:

25 collecting security-specific data for each of one or more securities;

transmitting the security-specific data to a user interface;

receiving user configuration data;

wherein the user configuration data comprises a New High Ask indicator;

30 displaying the security-specific data on the user interface in a format determined by the user configuration data.

524. The carrier medium of claim 523 wherein fluctuations in prices of securities are displayed in real-time.

35 525. The carrier medium of claim 523 wherein the New High Ask indicator for each of one or more securities is displayed in real-time.

40 526. The carrier medium of claim 523, wherein the program is further executable to monitor the New High Ask indicator for each of the one or more securities and to display changes in such New High Ask indicator.

527. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:

collecting security-specific data for each of one or more securities;

transmitting the security-specific data to a user interface;

receiving user configuration data;

wherein the user configuration data comprises a High Most Active indicator;

displaying the security-specific data on the user interface in a format determined by the user configuration data.

528. The carrier medium of claim 527 wherein fluctuations in prices of securities are displayed in real-time.

529. The carrier medium of claim 527 wherein the High Most Active indicator for each of one or more securities is displayed in real-time.

530. The carrier medium of claim 527, wherein the program is further executable to monitor the High Most Active indicator for each of the one or more securities and to display changes in such High Most Active indicator.

531. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:

collecting security-specific data for each of one or more securities;

transmitting the security-specific data to a user interface;

receiving user configuration data;

wherein the user configuration data comprises a Y Week High indicator, wherein Y is a number ranging from 1 to 52;

displaying the security-specific data on the user interface in a format determined by the user configuration data.

532. The carrier medium of claim 531 wherein fluctuations in prices of securities are displayed in real-time.

533. The carrier medium of claim 531 wherein the Y Week High indicator for each of one or more securities is displayed in real-time.

534. The carrier medium of claim 531, wherein the program is further executable to monitor the Y Week High indicator for each of the one or more securities and to display changes in such Y Week High indicator.

535. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:

collecting security-specific data for each of one or more securities;

transmitting the security-specific data to a user interface;

receiving user configuration data;

wherein the user configuration data comprises a New Low Bid indicator;

displaying the security-specific data on the user interface in a format determined by the user configuration data.

536. The carrier medium of claim 535 wherein fluctuations in prices of securities are displayed in real-time.

537. The carrier medium of claim 535 wherein the New Low Bid indicator for each of one or more securities is displayed in real-time.

538. The carrier medium of claim 535, wherein the program is further executable to monitor the New Low Bid indicator for each of the one or more securities and to display changes in such New Low Bid indicator.

539. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:

collecting security-specific data for each of one or more securities;

transmitting the security-specific data to a user interface;

receiving user configuration data;

wherein the user configuration data comprises a Low Most Active indicator;

displaying the security-specific data on the user interface in a format determined by the user configuration data.

540. The carrier medium of claim 539 wherein fluctuations in prices of securities are displayed in real-time.

541. The carrier medium of claim 539 wherein the Low Most Active indicator for each of one or more securities is displayed in real-time.

542. The carrier medium of claim 539, wherein the program is further executable to monitor the Low Most Active indicator for each of the one or more securities and to display changes in such Low Most Active indicator.

543. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:

collecting security-specific data for each of one or more securities;

transmitting the security-specific data to a user interface;

receiving user configuration data;

wherein the user configuration data comprises a Y Week Low indicator, wherein Y is a number ranging from 1 to 52;

displaying the security-specific data on the user interface in a format determined by the user configuration data.

544. The carrier medium of claim 543 wherein fluctuations in prices of securities are displayed in real-time.

545. The carrier medium of claim 543 wherein the Y Week Low indicator for each of one or more securities is displayed in real-time.

546. The carrier medium of claim 543, wherein the program is further executable to monitor the Y Week Low indicator for each of the one or more securities and to display changes in such Y Week Low indicator.

547. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:

collecting security-specific data for each of one or more securities;

transmitting the security-specific data to a user interface;

receiving user configuration data;

wherein the user configuration data comprises a Whiplash Down indicator;

displaying the security-specific data on the user interface in a format determined by the user configuration data.

548. The carrier medium of claim 547 wherein fluctuations in prices of securities are displayed in real-time.

549. The carrier medium of claim 547 wherein the Whiplash Down indicator for each of one or more securities is displayed in real-time.

550. The carrier medium of claim 547, wherein the program is further executable to monitor the Whiplash Down indicator for each of the one or more securities and to display changes in such Whiplash Down indicator.

551. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:

collecting security-specific data for each of one or more securities;

transmitting the security-specific data to a user interface;

receiving user configuration data;

wherein the user configuration data comprises a Breakdown indicator;

displaying the security-specific data on the user interface in a format determined by the user configuration data.

552. The carrier medium of claim 551 wherein fluctuations in prices of securities are displayed in real-time.

553. The carrier medium of claim 551 wherein the Breakdown indicator for each of one or more securities is displayed in real-time.

554. The carrier medium of claim 551, wherein the program is further executable to monitor the Breakdown indicator for each of the one or more securities and to display changes in such Breakdown indicator.

555. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:

collecting security-specific data for each of one or more securities;

transmitting the security-specific data to a user interface;

receiving user configuration data;

wherein the user configuration data comprises a Volume Move Up indicator;

displaying the security-specific data on the user interface in a format determined by the user configuration data.

556. The carrier medium of claim 555 wherein fluctuations in prices of securities are displayed in real-time.

557. The carrier medium of claim 555 wherein the Volume Move Up indicator for each of one or more securities is displayed in real-time.

558. The carrier medium of claim 555, wherein the program is further executable to monitor the Volume Move Up indicator for each of the one or more securities and to display changes in such Volume Move Up indicator.

559. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:

collecting security-specific data for each of one or more securities;

transmitting the security-specific data to a user interface;

receiving user configuration data;

wherein the user configuration data comprises a Volume Move Down indicator;

displaying the security-specific data on the user interface in a format determined by the user configuration data.

560. The carrier medium of claim 559 wherein fluctuations in prices of securities are displayed in real-time.

561. The carrier medium of claim 559 wherein the Volume Move Down indicator for each of one or more securities is displayed in real-time.

562. The carrier medium of claim 559, wherein the program is further executable to monitor the Volume Move Down indicator for each of the one or more securities and to display changes in such Volume Move Down indicator.

563. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:

collecting security-specific data for each of one or more securities;

transmitting the security-specific data to a user interface;

receiving user configuration data;

wherein the user configuration data comprises a Volume Spike indicator;

displaying the security-specific data on the user interface in a format determined by the user configuration data.

564. The carrier medium of claim 563 wherein fluctuations in prices of securities are displayed in real-time.

565. The carrier medium of claim 563 wherein the Volume Spike indicator for each of one or more securities is displayed in real-time.

566. The carrier medium of claim 563, wherein the program is further executable to monitor the Volume Spike indicator for each of the one or more securities and to display changes in such Volume Spike indicator.

567. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:

collecting security-specific data for each of one or more securities;

transmitting the security-specific data to a user interface;

receiving user configuration data;

wherein the user configuration data comprises a Consolidation indicator;

displaying the security-specific data on the user interface in a format determined by the user configuration data.

568. The carrier medium of claim 567 wherein fluctuations in prices of securities are displayed in real-time.

569. The carrier medium of claim 567 wherein the Consolidation indicator for each of one or more securities is displayed in real-time.

570. The carrier medium of claim 567, wherein the program is further executable to monitor the Consolidation indicator for each of the one or more securities and to display changes in such Consolidation indicator.

571. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:

collecting security-specific data for each of one or more securities;

transmitting the security-specific data to a user interface;

receiving user configuration data;

wherein the user configuration data comprises a Channel Breakout indicator;

displaying the security-specific data on the user interface in a format determined by the user configuration data.

572. The carrier medium of claim 571 wherein fluctuations in prices of securities are displayed in real-time.

573. The carrier medium of claim 571 wherein the Channel Breakout indicator for each of one or more securities is displayed in real-time.

574. The carrier medium of claim 571, wherein the program is further executable to monitor the Channel Breakout indicator for each of the one or more securities and to display changes in such Channel Breakout indicator.

575. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:

collecting security-specific data for each of one or more securities;

transmitting the security-specific data to a user interface;

receiving user configuration data;

wherein the user configuration data comprises a Channel Breakdown indicator;

displaying the security-specific data on the user interface in a format determined by the user configuration data.

576. The carrier medium of claim 575 wherein fluctuations in prices of securities are displayed in real-time.

577. The carrier medium of claim 575 wherein the Channel Breakdown indicator for each of one or more securities is displayed in real-time.

578. The carrier medium of claim 575, wherein the program is further executable to monitor the Channel Breakdown indicator for each of the one or more securities and to display changes in such Channel Breakdown indicator.

579. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:

collecting security-specific data for each of one or more securities;

transmitting the security-specific data to a user interface;

receiving user configuration data;

wherein the user configuration data comprises an Up Trend indicator;

displaying the security-specific data on the user interface in a format determined by the user configuration data.

580. The carrier medium of claim 579 wherein fluctuations in prices of securities are displayed in real-time.

581. The carrier medium of claim 579 wherein the Up Trend indicator for each of one or more securities is displayed in real-time.

582. The carrier medium of claim 579, wherein the program is further executable to monitor the Up Trend indicator for each of the one or more securities and to display changes in such Up Trend indicator.

583. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:

collecting security-specific data for each of one or more securities;

transmitting the security-specific data to a user interface;
receiving user configuration data;
wherein the user configuration data comprises a Down Trend indicator;
displaying the security-specific data on the user interface in a format determined by the user
configuration data.

584. The carrier medium of claim 583 wherein fluctuations in prices of securities are displayed in real-time.

585. The carrier medium of claim 583 wherein the Down Trend indicator for each of one or more securities is displayed in real-time.

586. The carrier medium of claim 583, wherein the program is further executable to monitor the Down Trend indicator for each of the one or more securities and to display changes in such Down Trend indicator.

587. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:

collecting security-specific data for each of one or more securities;
transmitting the security-specific data to a user interface;
receiving user configuration data;
wherein the user configuration data comprises a Z Minute Breakout indicator, wherein Z is a number ranging from 1 to 60;
displaying the security-specific data on the user interface in a format determined by the user configuration data.

588. The carrier medium of claim 587 wherein fluctuations in prices of securities are displayed in real-time.

589. The carrier medium of claim 587 wherein the Z Minute Breakout indicator for each of one or more securities is displayed in real-time.

590. The carrier medium of claim 587, wherein the program is further executable to monitor the Z Minute Breakout indicator for each of the one or more securities and to display changes in such Z Minute Breakout indicator.

591. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:

collecting security-specific data for each of one or more securities;
transmitting the security-specific data to a user interface;
receiving user configuration data;

wherein the user configuration data comprises a Z Minute Breakdown indicator, wherein Z is a number ranging from 1 to 60;

displaying the security-specific data on the user interface in a format determined by the user configuration data.

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592. The carrier medium of claim 591 wherein fluctuations in prices of securities are displayed in real-time.

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593. The carrier medium of claim 591 wherein the Z Minute Breakdown indicator for each of one or more securities is displayed in real-time.

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594. The carrier medium of claim 591, wherein the program is further executable to monitor the Z Minute Breakdown indicator for each of the one or more securities and to display changes in such Z Minute Breakdown indicator.

595. The carrier medium of claim 523 wherein the carrier medium is a memory medium.

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596. A method of providing information about securities, the method comprising:
monitoring securities information;
determining based on the monitored securities information, if an indicator has changed; and
providing information about securities to a user if the indicator has changed.

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597. A computerized securities information communication system comprising:
a first computer system coupled to a network; wherein the first computer system or a second computer system coupled to the first computer system via the network is configured to monitor securities information;

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wherein the first computing system or the second computing system is configured to determine based on the monitored securities information, if an indicator has changed; and
wherein the first computing system provides information about securities to a user if the indicator has changed.

35

598. A carrier medium which stores program instructions, wherein the program instructions are executable to:

monitor securities information;
determine based on the monitored securities information, if an indicator has changed; and
provide information about securities to a user if the indicator has changed.

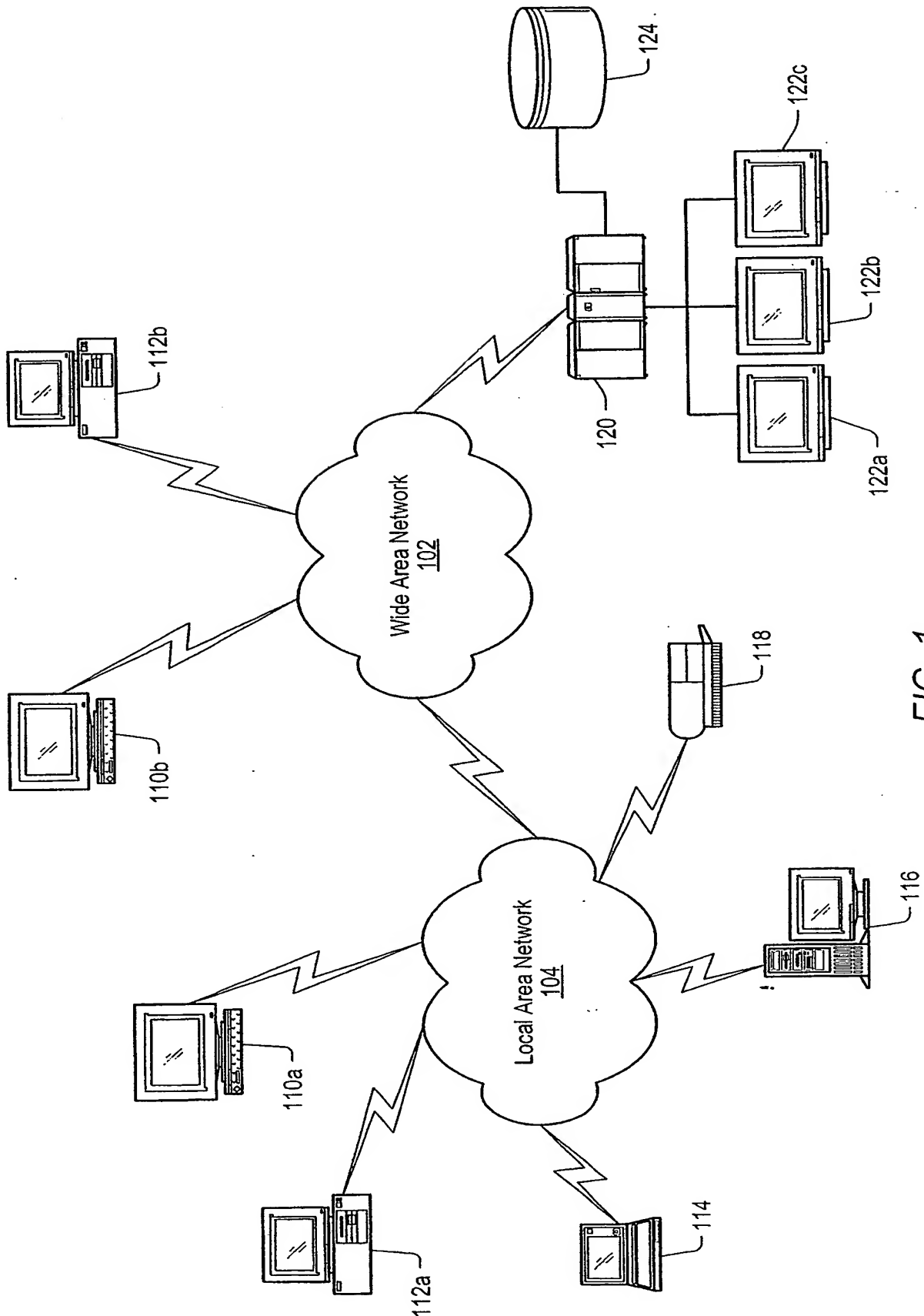


FIG. 1

2 / 16

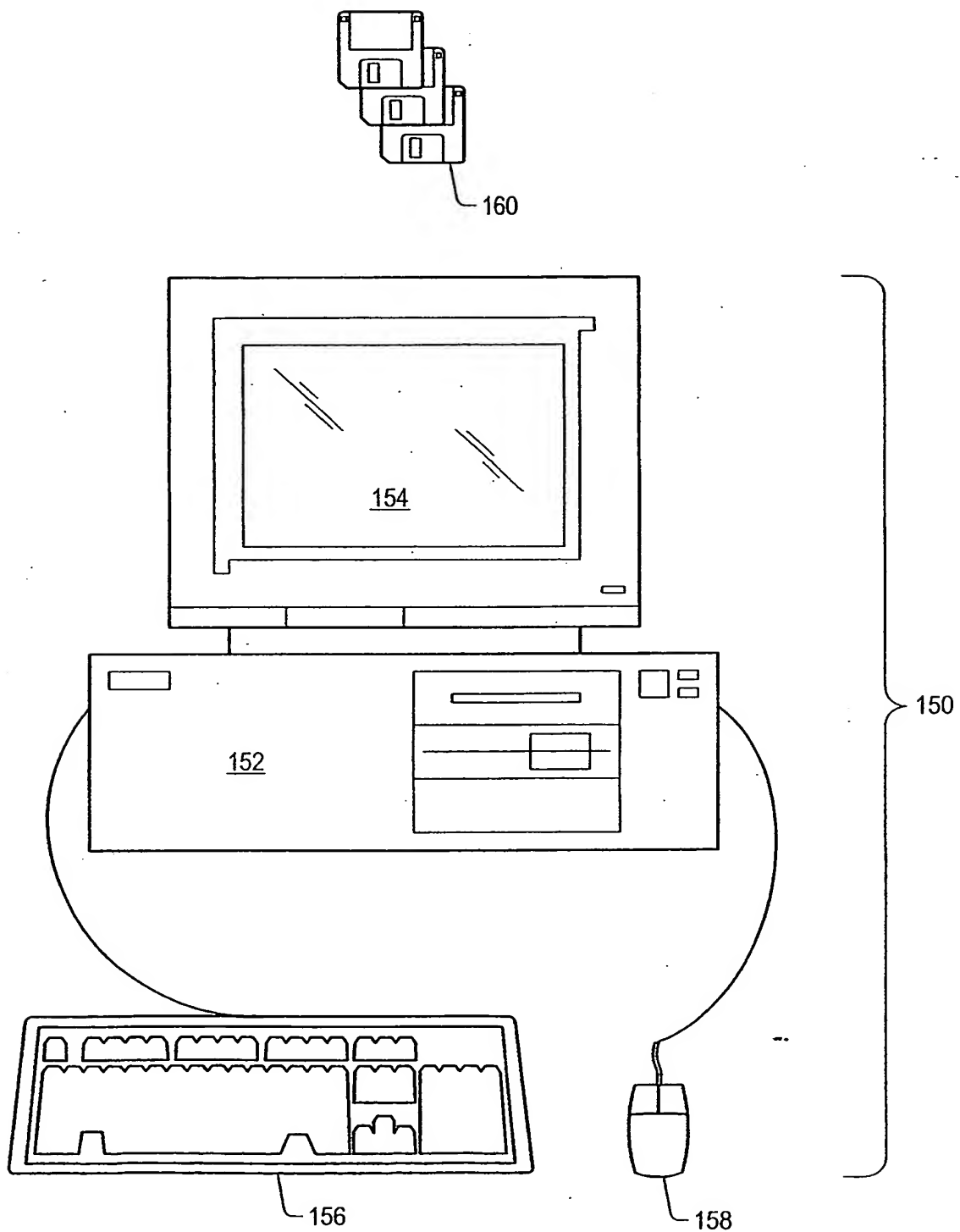


FIG. 2

3/16

Eyes Financial				
Time	Symbol	Price	Text	
11:31:15	SGR	45 5/8	new low bid ← 13	(17)
11:31:15	SBC	41 7/8	Crossed down ← 10	(10)
11:31:15	PCSA	61 7/16	new low bid ← 13	(17)
11:31:15	DURA	22 3/4	new low ← 2	(16)
11:31:14	PALM	33 3/4	NEW HIGH ← 2	(15)
11:31:14	CIMA	30 1/8	new low bid ← 13	(17)
11:31:14	HCR	12 11/16	new low ← 2	(16)
11:31:13	ENT	42	new low bid ← 13	(17)
11:31:13	QQQ	90 7/8	Locked DOWN ← 14	(9)
11:31:13	\$OGV.X	109.68	NEW 4 DAY HIGH ← 2	(15)
11:31:12	DURA	22 3/4	new low bid ← 13	(17)
11:31:12	PCSA	61 1/2	new low bid ← 13	(17)
11:31:12	PALM	33 3/4	NEW HIGH ASK ← 12	(16)
11:31:11	LVEL	16 1/2	new low bid ← 13	(17)
11:31:10	RAL	21 7/16	new 2 day low ← 2	(16)
11:31:09	ADIC	14 11/16	NEW HIGH MOST ACTIVE ← 13	(10)
11:31:09	ADIC	14 11/16	NEW 4 DAY HIGH ← 2	(15)
11:31:09	HRZ	31 15/16	new low ← 2	(16)
11:31:09	USFC	32 9/16	new low most active ← 13	(18)
11:31:09	USFC	32 9/16	new low ← 2	(16)
11:31:09	WFII	46 11/16	new 4 day low ← 2	(16)
11:31:07	LE	28 3/4	Locked UP ← 6	(1)
11:31:07	SGR	45 11/16	new low most active ← 13	(18)
11:31:07	SGR	45 11/16	new 2 day low ← 2	(16)
11:31:07	SBH	66 1/16	new low ← 2	(16)
11:31:06	GKSRA	28 5/16	new low bid ← 13	(17)
11:31:06	SVGI	27 3/8	NEW HIGH ASK ← 12	(16)
11:31:06	DVSA	24 5/8	new low bid ← 13	(17)
11:31:06	CYTC	49 1/4	NEW HIGH ← 2	(15)
11:31:05	BKHM	52 3/4	new low most active ← 13	(18)
11:31:05	BKHM	52 3/4	new 4 day low ← 2	(16)
11:31:05	PWJ	71 1/4	new low most active ← 13	(18)
11:31:05	PWJ	71 1/4	new low ← 2	(16)
11:31:04	CYTC	49 5/16	NEW HIGH ASK ← 12	(16)
11:31:03	DE	36 7/16	new 2 day low ← 2	(16)
11:31:02	SFS	11 15/16	NEW 4 DAY HIGH ← 2	(15)
11:31:02	DE	36 3/8	new low bid ← 13	(17)
11:31:02	NPIX	13	new low bid ← 13	(17)
11:31:01	PCSA	61 5/8	new low bid ← 13	(17)
11:31:00	SPOT	28 3/8	new low most active ← 13	(18)
11:31:00	SPOT	28 3/8	new 52 week low ← 2	(1)
11:31:00	SPOT	28 3/8	new 252 day low ← 2	(9)

FIG. 3A

4 / 16

Eyes Financial				
Time	Symbol	Price	Text	
11:31:19	CSGS	42	new low most active ← 13	(18)
11:31:19	CSGS	42	new 4 day low ← 2	(16)
11:31:18	REI-C	20 1/8	new low ← 2	(16)
11:31:18	HRZ	31 13/16	new low bid ← 13	(17)
11:31:16	HCR	12 9/16	new low bid ← 13	(17)
11:31:15	SGR	45 5/8	new low bid ← 13	(17)
11:31:15	SBC	41 7/8	Crossed down ← 10	(10)
11:31:15	PCSA	61 7/16	new low bid ← 13	(17)
11:31:15	DURA	22 3/4	new low ← 2	(16)
11:31:14	PALM	33 3/4	NEW HIGH ← 2	(15)
11:31:14	CIMA	30 1/8	new low bid ← 13	(17)
11:31:14	HCR	12 11/16	new low ← 2	(16)
11:31:13	ENT	42	new low bid ← 13	(17)
11:31:13	QQQ	90 7/8	Locked DOWN ← 14	(9)
11:31:13	\$OGV.X	109.68	NEW 4 DAY HIGH ← 2	(15)
11:31:12	DURA	22 3/4	new low bid ← 13	(17)
11:31:12	PCSA	61 1/2	new low bid ← 13	(17)
11:31:12	PALM	33 3/4	NEW HIGH ASK ← 12	(16)
11:31:11	LVEL	16 1/2	new low bid ← 13	(17)
11:31:10	RAL	21 7/16	new 2 day low ← 2	(16)
11:31:09	ADIC	14 11/16	NEW HIGH MOST ACTIVE ← 13	(10)
11:31:09	ADIC	14 11/16	NEW 4 DAY HIGH ← 2	(15)
11:31:09	HRZ	31 15/16	new low ← 2	(16)
11:31:09	USFC	32 9/16	new low most active ← 13	(18)
11:31:09	USFC	32 9/16	new low ← 2	(16)
11:31:09	WFII	46 11/16	new 4 day low ← 2	(16)
11:31:07	LE	28 3/4	Locked UP ← 6	(1)
11:31:07	SGR	45 11/16	new low most active ← 13	(18)
11:31:07	SGR	45 11/16	new 2 day low ← 2	(16)
11:31:07	SBH	66 1/16	new low ← 2	(16)
11:31:06	GKSRA	28 5/16	new low bid ← 13	(17)
11:31:06	SVGI	27 3/8	NEW HIGH ASK ← 12	(16)
11:31:06	DVSA	24 5/8	new low bid ← 13	(17)
11:31:06	CYTC	49 1/4	NEW HIGH ← 2	(15)
11:31:05	BKHM	52 3/4	new low most active ← 13	(18)
11:31:05	BKHM	52 3/4	new 4 day low ← 2	(16)
11:31:05	PWJ	71 1/4	new low most active ← 13	(18)
11:31:05	PWJ	71 1/4	new low ← 2	(16)
11:31:04	CYTC	49 5/16	NEW HIGH ASK ← 12	(16)
11:31:03	DE	36 7/16	new 2 day low ← 2	(16)
11:31:02	SFS	11 15/16	NEW 4 DAY HIGH ← 2	(15)
11:31:02	DE	36 3/8	new low bid ← 13	(17)

FIG. 3B

SUBSTITUTE SHEET (RULE 26)

5/16

Eyes Financial			
Time	Symbol	Price	Text
11:31:22	RSYS	53 7/8	NEW HIGH ASK ← 12 (16)
11:31:22	HI	48 11/16	new low bid ← 13 (17)
11:31:22	\$LXH.X	80.82	new low ← 2 (16)
11:31:22	LMNX	40 1/2	new 3 day low ← 2 (16)
11:31:22	TMBR	22 7/8	NEW 4 DAY HIGH ← 2 (15)
11:31:22	TMBR	22 13/16	NEW 4 DAY HIGH ← 2 (15)
11:31:20	INOD	10 3/16	new 4 day low ← 2 (16)
11:31:20	INOD	10	new low bid ← 13 (17)
11:31:20	BCF	12 11/16	new 4 day low ← 2 (16)
11:31:19	TMBR	22 7/8	NEW HIGH ASK ← 12 (16)
11:31:19	DRXR	16 7/16	NEW HIGH ASK ← 12 (16)
11:31:19	CSGS	42	new low most active ← 13 (18)
11:31:19	CSGS	42	new 4 day low ← 2 (16)
11:31:18	REI-C	20 1/8	new low ← 2 (16)
11:31:18	HRZ	31 13/16	new low bid ← 13 (17)
11:31:16	HCR	12 9/16	new low bid ← 13 (17)
11:31:15	SGR	45 5/8	new low bid ← 13 (17)
11:31:15	SBC	41 7/8	Crossed down ← 10 (10)
11:31:15	PCSA	61 7/16	new low bid ← 13 (17)
11:31:15	DURA	22 3/4	new low ← 2 (16)
11:31:14	PALM	33 3/4	NEW HIGH ← 2 (15)
11:31:14	CIMA	30 1/8	new low bid ← 13 (17)
11:31:14	HCR	12 11/16	new low ← 2 (16)
11:31:13	ENT	42	new low bid ← 13 (17)
11:31:13	QQQ	90 7/8	Locked DOWN ← 14 (9)
11:31:13	\$OGV.X	109.68	NEW 4 DAY HIGH ← 2 (15)
11:31:12	DURA	22 3/4	new low bid ← 13 (17)
11:31:12	PCSA	61 1/2	new low bid ← 13 (17)
11:31:12	PALM	33 3/4	NEW HIGH ASK ← 12 (16)
11:31:11	LVEL	16 1/2	new low bid ← 13 (17)
11:31:10	RAL	21 7/16	new 2 day low ← 2 (16)
11:31:09	ADIC	14 11/16	NEW HIGH MOST ACTIVE ← 13 (10)
11:31:09	ADIC	14 11/16	NEW 4 DAY HIGH ← 2 (15)
11:31:09	HRZ	31 15/16	new low ← 2 (16)
11:31:09	USFC	32 9/16	new low most active ← 13 (18)
11:31:09	USFC	32 9/16	new low ← 2 (16)
11:31:09	WFII	46 11/16	new 4 day low ← 2 (16)
11:31:07	DE	28 3/4	Locked UP ← 6 (1)
11:31:07	SGR	45 11/16	new low most active ← 13 (18)
11:31:07	SGR	45 11/16	new 2 day low ← 2 (16)
11:31:07	SBH	66 1/16	new low ← 2 (16)
11:31:06	GKSRA	28 5/16	new low bid ← 13 (17)

FIG. 3C

6 / 16

Eyes Financial					
Time	Symbol	Price	Text		
11:31:33	RATL	98 1/4	new low bid ← 13	(17)	
11:31:33	FLRE	17 1/16	Locked DOWN ← 14	(9)	
11:31:33	AFCI	35 5/8	new low ← 2	(16)	
11:31:32	RSYS	53 7/8	NEW HIGH ← 2	(15)	
11:31:31	TLXS	16 1/16	new 52 week low ← 2	(1)	
11:31:31	TLXS	16 1/16	new 252 day low ← 2	(9)	
11:31:31	SSTI	20 5/8	new 4 day low ← 2	(16)	
11:31:31	RSYS	54	NEW HIGH ASK ← 12	(16)	
11:31:31	DRXR	16 7/16	NEW 4 DAY HIGH ← 2	(15)	
11:31:29	\$OGV.X	109.72	NEW 4 DAY HIGH ← 2	(15)	
11:31:28	WFII	46 1/2	new low bid ← 13	(17)	
11:31:28	KCP	47 3/16	new low bid ← 13	(17)	
11:31:25	EOG	35 15/16	NEW HIGH ASK ← 12	(16)	
11:31:25	AFCI	35 5/8	new low bid ← 13	(17)	
11:31:25	JDSU	119 15/16	Locked UP ← 6	(1)	
11:31:24	WFII	46 5/8	new 4 day low ← 2	(16)	
11:31:24	SSTI	20 11/16	new 4 day low ← 2	(16)	
11:31:23	CMCSK	32 19/32	Locked UP ← 6	(1)	
11:31:23	MRBA	17	new low bid ← 13	(17)	
11:31:23	INOD	10	new 4 day low ← 2	(16)	
11:31:22	RSYS	53 7/8	NEW HIGH ASK ← 12	(16)	
11:31:22	HI	48 11/16	new low bid ← 13	(17)	
11:31:22	\$LXH.X	80.82	new low ← 2	(16)	
11:31:22	LMNX	40 1/2	new 3 day low ← 2	(16)	
11:31:22	TMBR	22 7/8	NEW 4 DAY HIGH ← 2	(15)	
11:31:22	TMBR	22 13/16	NEW 4 DAY HIGH ← 2	(15)	
11:31:20	INOD	10 3/16	new 4 day low ← 2	(16)	
11:31:20	INOD	10	new low bid ← 13	(17)	
11:31:20	BCF	12 11/16	new 4 day low ← 2	(16)	
11:31:19	TMBR	22 7/8	NEW HIGH ASK ← 12	(16)	
11:31:19	DRXR	16 7/16	NEW HIGH ASK ← 12	(16)	
11:31:19	CSGS	42	new low most active ← 13	(18)	
11:31:19	CSGS	42	new 4 day low ← 2	(16)	
11:31:18	REI-C	20 1/8	new low ← 2	(16)	
11:31:18	HRZ	31 13/16	new low bid ← 13	(17)	
11:31:16	HCR	12 9/16	new low bid ← 13	(17)	
11:31:15	SGR	45 5/8	new low bid ← 13	(17)	
11:31:15	SBC	41 7/8	Crossed down ← 10	(10)	
11:31:15	PCSA	61 7/16	new low bid ← 13	(17)	
11:31:15	DURA	22 3/4	new low ← 2	(16)	
11:31:14	PALM	33 3/4	NEW HIGH ← 2	(15)	
11:31:14	CIMA	30 1/8	new low bid ← 13	(17)	

FIG. 3D

7/16

Eyes Financial				
Time	Symbol	Price	Text	
13:07:37	FHCC	23	new low bid ← 13	(17)
13:07:34	FHCC	23	new low most active ← 13	(18)
13:07:34	FHCC	23	new 4 day low ← 2	(16)
13:07:34	TRIH	25 11/16	new low bid ← 13	(17)
13:07:34	\$EXV.X	32.77	NEW 4 DAY HIGH ← 2	(15)
13:07:34	SOTR	27 3/4	new low bid ← 13	(17)
13:07:33	FHCC	23 1/8	new low bid ← 13	(17)
13:07:33	VITR	39 1/8	Locked UP ← 6	(1)
13:07:33	PRIA	47 11/16	NEW HIGH ASK ← 12	(16)
13:07:33	\$DDX.X	84.08	NEW 4 DAY HIGH ← 2	(15)
13:07:33	TCO	10 15/16	new 2 day low ← 2	(16)
13:07:31	HAVN	24 15/16	NEW HIGH ASK ← 12	(16)
13:07:31	FLS	17 11/16	NEW HIGH ASK ← 12	(16)
13:07:31	MAXM	56 5/8	NEW 4 DAY HIGH ← 2	(15)
13:07:31	TRIH	25 3/4	new 4 day low ← 2	(16)
13:07:30	MAXM	56 11/16	NEW HIGH ASK ← 12	(16)
13:07:30	DCGN	24 5/16	NEW HIGH MOST ACTIVE ← 13	(17)
13:07:30	DCGN	24 5/16	NEW HIGH ← 2	(15)
13:07:30	SOTR	27 13/16	new low most active ← 13	(18)
13:07:30	SOTR	27 13/16		(18)
13:07:29	ONES	10 5/8		(8)
13:07:29	ONES	10 9/16		(18)
13:07:28	OFIX	19 1/8		(16)
13:07:28	RAS	12 1/8		(9)
13:07:28	ONES	10 5/8		(16)
13:07:27	AT	56 5/16		(18)
13:07:27	TRIH	25 13/16		(16)
13:07:27	FHCC	23 3/8		(18)
13:07:25	\$REI	137.58		(16)
13:07:24	URB	35 1/2	new 4 day low ← 2	(16)
13:07:24	AT	56 5/16	Crossed down ← 10	(10)
13:07:24	AT	56 5/16	Locked DOWN ← 14	(9)
13:07:23	\$DJR.X	137.59	new low ← 2	(16)
13:07:22	ELN	58 11/16	NEW HIGH MOST ACTIVE ← 13	(17)
13:07:22	ELN	58 11/16	NEW 52 WEEK HIGH ← 13	(1)
13:07:22	ELN	58 11/16	NEW 252 DAY HIGH ← 2	(15)
13:07:22	FLS	17 5/8	NEW HIGH MOST ACTIVE ← 13	(17)
13:07:22	FLS	17 5/8	NEW 4 DAY HIGH ← 2	(15)
13:07:21	ORCL	83	Locked UP ← 6	(1)
13:07:19	AT	56 5/16	Crossed down ← 10	(10)
13:07:19	FHCC	23 1/2	new low bid ← 13	(17)

☒ Always On Top
 Set Preferences
 Show/Hide Columns
 Link Windows
 Clear Eyes
 Save Window Layout
 Open Windows Layout

FIG. 4

8 / 16

Eyes Preferences X

Min Stock Price Exchanges

Max Stock Price ☒ Scroll Down

Min 3 Day Avg. ☐ Scroll Up

☐ Edit Symbols

☐ Log Messages

Indicators	Text	Background
<input checked="" type="checkbox"/> New Highs	<input type="text" value="2"/>	<input type="text" value="8"/>
<input checked="" type="checkbox"/> New High Ask	<input type="text" value="3"/>	<input type="text" value="8"/>
<input checked="" type="checkbox"/> Highs Most Active	<input type="text" value="4"/>	<input type="text" value="8"/>
<input checked="" type="checkbox"/> 52 Week Highs	<input type="text" value="2"/>	<input type="text" value="1"/>
<input checked="" type="checkbox"/> New Lows	<input type="text" value="2"/>	<input type="text" value="7"/>
<input checked="" type="checkbox"/> New Low Bid	<input type="text" value="5"/>	<input type="text" value="7"/>
<input checked="" type="checkbox"/> Lows Most Active	<input type="text" value="4"/>	<input type="text" value="7"/>
<input checked="" type="checkbox"/> 52 Week Lows	<input type="text" value="2"/>	<input type="text" value="1"/>
<input checked="" type="checkbox"/> Locked Up	<input type="text" value="6"/>	<input type="text" value="9"/>
<input checked="" type="checkbox"/> Locked Down	<input type="text" value="7"/>	<input type="text" value="9"/>
<input checked="" type="checkbox"/> Crossed Up	<input type="text" value="6"/>	<input type="text" value="10"/>
<input checked="" type="checkbox"/> Crossed Down	<input type="text" value="7"/>	<input type="text" value="11"/>
<input type="checkbox"/> Whiplash	<input type="text" value="2"/>	<input type="text" value="1"/>
<input type="checkbox"/> Whiplash Down	<input type="text" value="2"/>	<input type="text" value="1"/>
<input type="checkbox"/> Breakout	<input type="text" value="2"/>	<input type="text" value="1"/>
<input type="checkbox"/> Breakdown	<input type="text" value="2"/>	<input type="text" value="1"/>
<input type="checkbox"/> Narrowing Spread	<input type="text" value="2"/>	<input type="text" value="1"/>
<input type="checkbox"/> Trading Above	<input type="text" value="2"/>	<input type="text" value="1"/>
<input type="checkbox"/> Trading Below	<input type="text" value="2"/>	<input type="text" value="1"/>
<input type="checkbox"/> Volumn Move Up	<input type="text" value="2"/>	<input type="text" value="1"/>
<input type="checkbox"/> Volumn Move Dow	<input type="text" value="2"/>	<input type="text" value="1"/>

FIG. 5

9 / 16

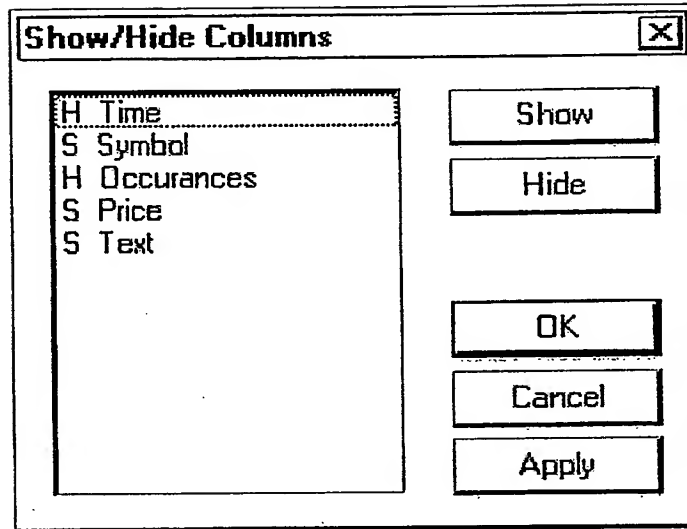


FIG. 6

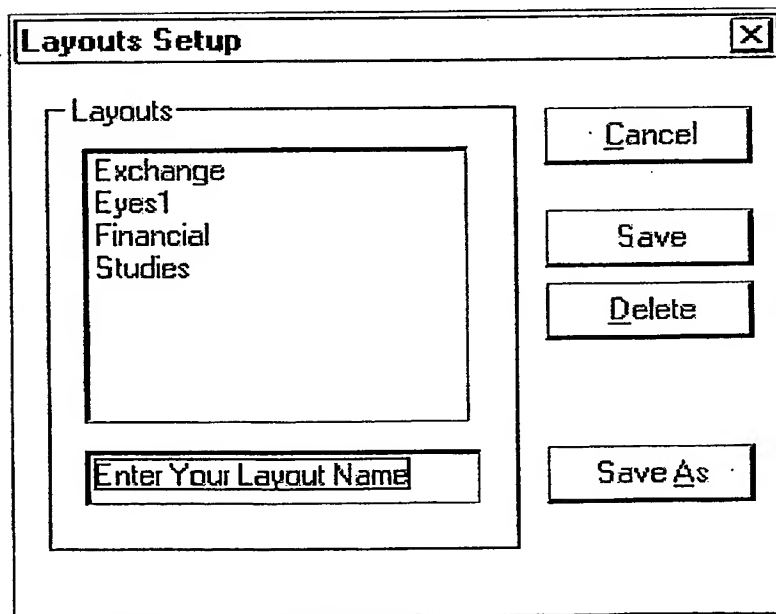


FIG. 7

10./16

Eyes Financial						
Time	Symbol	Occurrences	Price	Text		
12:59:44	NOK	0	41	Locked DOWN ← 14	(9)	
12:59:43	GGAL	3	15 11/16	new 52 week low ← 2	(1)	
12:59:43	GGAL	3	15 11/16	new 252 day low ← 2	(9)	
12:59:43	MDEA	6	14	new low most active ← 13	(18)	
12:59:43	MDEA	6	14 2	Trading Below new 4 day low	(1)	
12:59:43	MDEA	6	14	new 4 day low ← 2	(16)	
12:59:42	GPU	0	31 5/8	Locked UP ← 6	(1)	
12:59:42	METHA	10	46 7/16	NEW 2 DAY HIGH ← 2	(15)	
12:59:42	VICL	3	18 1/4	new low bid ← 13	(17)	
12:59:41	STN	1	14 7/16	new low most active ← 13	(18)	
12:59:41	STN	1	14 7/16	Trading Below new low ← 2	(1)	
12:59:41	STN	1	14 7/16	new low ← 2	(16)	
12:59:41	NANX	5	10 7/8	NEW HIGH ASK ← 12	(16)	
12:59:40	AEP	3	35 1/2	NEW 4 DAY HIGH ← 2	(15)	
12:59:40	MSFT	10	71 3/4	new low most active ← 13	(18)	
12:59:40	MSFT	10	71 3/4	new low ← 2	(16)	
12:59:40	LMG.A	6	21 9/16	new low ← 2	(16)	
12:59:38	MSFT	9	71 3/4	new low bid ← 13	(17)	
12:59:38	KEA	6	18 1/8	new 4 day low ← 2	(16)	
12:59:37	SDC	15	39	NEW HIGH ASK ← 12	(16)	
12:59:37	PAX	0	12 5/8	Locked UP ← 6	(1)	
12:59:36	MENS	13	28 1/4	NEW HIGH MOST ACTIVE	(10)	
12:59:36	MENS	13	28 1/4	NEW 2 DAY HIGH ← 2	(15)	
12:59:35	CTS	16	46 5/16	new low ← 2	(16)	
12:59:34	SDC	14	38 15/16	NEW HIGH ASK ← 12	(16)	
12:59:34	AES	39	59 9/16	NEW HIGH ASK ← 12	(16)	
12:59:34	AEP	2	35 1/2	NEW HIGH ASK ← 12	(16)	
12:59:34	KTC	3	39 1/4	NEW HIGH MOST ACTIVE	(10)	
12:59:34	KTC	3	39 1/4	NEW HIGH ← 2	(15)	
12:59:34	CNT	7	44 3/8	NEW HIGH ← 2	(15)	
12:59:32	MDEA	5	14 1/16	new low most active ← 13	(18)	
12:59:32	MDEA	5	14 1/16	new 4 day low ← 2	(16)	
12:59:31	ICN	4	28 3/4	new 2 day low ← 2	(16)	
12:59:30	ATSN	16	27 3/4	new 4 day low ← 2	(16)	
12:59:29	ABWG	3	17 1/2	new low ← 2	(16)	
12:59:28	MDEA	5	14 1/16	new low bid ← 13	(17)	
12:59:27	CCL	13	22 15/16	NEW 4 DAY HIGH ← 2	(15)	
12:59:26	INFT	5	36 1/16	new 4 day low ← 2	(16)	
12:59:25	CLTK	18	39 1/16	NEW HIGH MOST ACTIVE	(10)	
12:59:25	CLTK	18	39 1/16	NEW 4 DAY HIGH ← 2	(15)	
12:59:25	TXN	0	60 7/16	Locked DOWN ← 14	(9)	
12:59:24	CLTK	26	39 1/16	NEW HIGH ASK ← 12	(16)	
12:59:23	SIMG	0	42	Narrowing Spread Ask dec.	(1)	
12:59:22	HBC	6	71 3/4	NEW HIGH ASK ← 12	(16)	
12:59:20	TRKN	8	17 11/16	new low bid ← 13	(17)	
12:59:20	\$UXV.X	21	28.47	Volume Move Up NEW HIGH	(1)	
12:59:20	\$UXV.X	21	28.47	NEW HIGH ← 2	(15)	
12:59:19	MCDT	0	86	Narrowing Spread Bid inc.	(1)	

FIG. 8

11/16

Eyes Financial negative				
Time	Symbol	Price	Text	
11:26:39	CBUK	11 7/16	new low bid ← 13	(17)
11:26:38	SEG	49 3/8	Crossed down ← 10	(10)
11:26:38	WFII	46 5/8	new low bid ← 13	(17)
11:26:38	COF	56 3/8	new low ← 2	(16)
11:26:38	MDT	53 3/4	new 4 day low ← 2	(16)
11:26:37	SMTL	10 1/2	new low bid ← 13	(17)
11:26:37	IREG	34 5/8	new 4 day low ← 2	(16)
11:26:36	MRX	50 3/8	new low bid ← 13	(17)
11:26:36	SKX	17 1/4	new low bid ← 13	(17)
11:26:36	FITB	45 1/8	new low bid ← 13	(17)
11:26:35	FITB	45 3/16	new 2 day low ← 2	(16)
11:26:35	THQI	16 13/16	new low bid ← 13	(17)
11:26:33	RA-A	24 5/16	new low bid ← 13	(17)
11:26:33	SGP	40 7/16	Trading Below new low ← 2	(1)
11:26:33	SGP	40 7/16	new low ← 2	(16)
11:26:33	IMNX	48 13/16	Trading Below new low ← 2	(1)
11:26:33	IMNX	48 13/16	Whiplash Down new low ← 2	(1)
11:26:33	IMNX	48 13/16	new low ← 2	(16)
11:26:31	LBRT	16 3/4	new 4 day low ← 2	(16)
11:26:30	SAP	61 1/2	Locked DOWN ← 14	(9)
11:26:29	LBRT	16 3/4	new low bid ← 13	(17)
11:26:29	LBRT	16 13/16	new 4 day low ← 2	(16)
11:26:29	\$XLT.X	107.68	Volume Move Down new low ← 2	(1)
11:26:29	\$XLT.X	107.68	new low ← 2	(16)
11:26:29	MRX	50 1/2	new low most active ← 13	(18)
11:26:29	MRX	50 1/2	new 4 day low ← 2	(16)
11:26:29	\$XLT.X	107.59	new low bid ← 13	(17)
11:26:29	\$GWI.X	111.67	new low bid ← 13	(17)
11:26:28	ISSI	20 3/16	new low bid ← 13	(17)
11:26:28	HYSL	27 1/8	new low ← 2	(16)
11:26:27	BSTE	51 7/16	new low bid ← 13	(17)
11:26:26	INCY	75 3/16	new low bid ← 13	(17)
11:26:25	IMRS	10 1/4	new 4 day low ← 2	(16)
11:26:24	FITB	45 3/16	new low bid ← 13	(17)
11:26:23	AJG	48 3/8	new low bid ← 13	(17)
11:26:23	IMNX	48 7/8	Trading Below new low ← 2	(1)
11:26:23	IMNX	48 7/8	Whiplash Down new low ← 2	(1)
11:26:23	IMNX	48 7/8	new low ← 2	(16)
11:26:22	EMLX	68 1/4	Locked Down ← 14	(9)

FIG. 9A

12 / 16

Eyes Financial negative				
Time	Symbol	Price	Text	
11:26:48	JDSU	120	Locked UP ← 6	(1)
11:26:47	UNT	13 7/8	NEW 3 DAY HIGH ← 2	(15)
11:26:47	PCCC	50 7/8	NEW HIGH ← 2	(15)
11:26:39	KAMNA	12 15/16	NEW HIGH ASK ← 12	(16)
11:26:39	ARTT	10 1/2	NEW 4 DAY HIGH ← 2	(15)
11:26:36	ARTT	10 15/32	NEW 4 DAY HIGH ← 2	(15)
11:26:30	PWEI	17 5/8	NEW HIGH ASK ← 12	(16)
11:26:29	SFY	26 3/8	NEW HIGH ASK ← 12	(16)
11:26:29	NOVL	10 9/16	NEW HIGH ASK ← 12	(16)
11:26:28	ARI	26 3/8	NEW HIGH ASK ← 12	(16)
11:26:27	NOVL	10 9/16 2	Trading Above NEW 4 DAY HIGH	(1)
11:26:27	NOVL	10 9/16	NEW 4 DAY HIGH ← 2	(15)
11:26:25	NTPA	52	NEW HIGH ASK ← 12	(16)
11:26:23	IDXC	19 7/16	NEW HIGH ASK ← 12	(16)
11:26:23	P	55 1/4	NEW HIGH ← 2	(15)
11:26:22	FLSH	61 1/2	NEW HIGH ASK ← 12	(16)
11:26:21	FLSH	61 3/8	NEW 2 DAY HIGH ← 2	(15)
11:26:18	NTPA	52 2	Trading Above NEW 2 DAY HIGH	(1)
11:26:18	NTPA	52	NEW 2 DAY HIGH ← 2	(15)
11:26:18	SFY	26 3/8 2	Trading Above NEW 4 DAY HIGH	(1)
11:26:18	SFY	26 3/8	NEW 4 DAY HIGH ← 2	(15)
11:26:17	POG	19 13/16	NEW 3 DAY HIGH ← 2	(15)
11:26:15	\$P2NCY	132.62 2	Volumn Move Up NEW HIGH	(1)
11:26:15	\$P2NCY	132.62 2	Trading Above NEW HIGH	(1)
11:26:15	\$P2NCY	132.62	NEW HIGH ← 2	(15)
11:26:14	NTPA	51 7/8	NEW HIGH ASK ← 12	(16)
11:26:14	\$P2ENE	127.22 2	Volumn Move Up NEW 4 DAY HIGH	(1)
11:26:14	\$P2ENE	127.22 2	Trading Above NEW 4 DAY HIGH	(1)
11:26:14	\$P2ENE	127.22	NEW 4 DAY HIGH ← 2	(15)
11:26:13	\$NLE.X	51.09 2	Volumn Move Up NEW 4 DAY HIGH	(1)
11:26:13	\$NLE.X	51.09	NEW 4 DAY HIGH ← 2	(15)
11:26:13	\$OGV.X	109.60 2	Volumn Move Up NEW 4 DAY HIGH	(1)
11:26:13	\$OGV.X	109.60	NEW 4 DAY HIGH ← 2	(15)
11:26:12	INTC	64 3/16	Locked UP ← 6	(1)
11:26:11	MCRE	10 3/8	NEW HIGH ASK ← 12	(16)
11:26:11	HC	30 3/8	NEW HIGH MOST ACTIVE ← 13	(17)
11:26:11	HC	30 3/8	NEW HIGH ← 2	(15)
11:26:11	NE	47 1/4	NEW 52 WEEK HIGH ← 13	(1)
11:26:11	NE	47 1/4	NEW 252 DAY HIGH ← 2	(15)

FIG. 9B

13 / 16

Eyes Preferences		
Min Stock Price	<input type="text" value="10"/>	<input type="button" value="Exchanges"/>
Max Stock Price	<input type="text" value="150"/>	<input checked="" type="radio"/> Scroll Down
Min 3 Day Avg.	<input type="text" value="25000"/>	<input type="radio"/> Scroll Up
		<input type="checkbox"/> Edit Symbols
		<input type="checkbox"/> Log Messages
		<input type="button" value="OK"/>
		<input type="button" value="Cancel"/>
		<input type="button" value="Set Font"/>
		<input type="button" value="Apply"/>
Indicators	Text	Background
<input checked="" type="checkbox"/> New Highs	<input type="text" value="2"/>	<input type="text" value="15"/>
<input checked="" type="checkbox"/> New High Ask	<input type="text" value="12"/>	<input type="text" value="16"/>
<input checked="" type="checkbox"/> Highs Most Active	<input type="text" value="13"/>	<input type="text" value="10"/>
<input checked="" type="checkbox"/> 52 Week Highs	<input type="text" value="13"/>	<input type="text" value="1"/>
<input type="checkbox"/> New Lows	<input type="text" value="2"/>	<input type="text" value="16"/>
<input type="checkbox"/> New Low Bid	<input type="text" value="13"/>	<input type="text" value="17"/>
<input type="checkbox"/> Lows Most Active	<input type="text" value="13"/>	<input type="text" value="18"/>
<input type="checkbox"/> 52 Week Lows	<input type="text" value="2"/>	<input type="text" value="1"/>
<input checked="" type="checkbox"/> Locked Up	<input type="text" value="6"/>	<input type="text" value="1"/>
<input type="checkbox"/> Locked Down	<input type="text" value="14"/>	<input type="text" value="9"/>
<input checked="" type="checkbox"/> Crossed Up	<input type="text" value="6"/>	<input type="text" value="10"/>
<input type="checkbox"/> Crossed Down	<input type="text" value="12"/>	<input type="text" value="10"/>
<input checked="" type="checkbox"/> Whiplash	<input type="text" value="2"/>	<input type="text" value="1"/>
<input type="checkbox"/> Whiplash Down	<input type="text" value="2"/>	<input type="text" value="1"/>
<input checked="" type="checkbox"/> Breakout	<input type="text" value="2"/>	<input type="text" value="1"/>
<input type="checkbox"/> Breakdown	<input type="text" value="2"/>	<input type="text" value="1"/>
<input type="checkbox"/> Narrowing Spread	<input type="text" value="2"/>	<input type="text" value="1"/>
<input checked="" type="checkbox"/> Trading Above	<input type="text" value="2"/>	<input type="text" value="1"/>
<input type="checkbox"/> Trading Below	<input type="text" value="2"/>	<input type="text" value="1"/>
<input checked="" type="checkbox"/> Volume Move Up	<input type="text" value="2"/>	<input type="text" value="1"/>
<input type="checkbox"/> Volume Move Dow	<input type="text" value="2"/>	<input type="text" value="1"/>

FIG. 9C

14/16

Eyes Preferences		
Min Stock Price	<input type="text" value="10"/>	Exchanges
Max Stock Price	<input type="text" value="150"/>	<input checked="" type="radio"/> Scroll Down
Min 3 Day Avg.	<input type="text" value="25000"/>	<input type="radio"/> Scroll Up
		<input type="checkbox"/> Edit Symbols
		<input type="checkbox"/> Log Messages
		OK
		Cancel
		Set Font
		Apply
Indicators	Text	Background
<input type="checkbox"/> New Highs	<input type="text" value="2"/>	<input type="text" value="15"/>
<input type="checkbox"/> New High Ask	<input type="text" value="12"/>	<input type="text" value="16"/>
<input type="checkbox"/> Highs Most Active	<input type="text" value="13"/>	<input type="text" value="10"/>
<input type="checkbox"/> 52 Week Highs	<input type="text" value="13"/>	<input type="text" value="1"/>
<input checked="" type="checkbox"/> New Lows	<input type="text" value="2"/>	<input type="text" value="16"/>
<input checked="" type="checkbox"/> New Low Bid	<input type="text" value="6"/>	<input type="text" value="17"/>
<input checked="" type="checkbox"/> Lows Most Active	<input type="text" value="14"/>	<input type="text" value="18"/>
<input checked="" type="checkbox"/> 52 Week Lows	<input type="text" value="2"/>	<input type="text" value="1"/>
<input type="checkbox"/> Locked Up	<input type="text" value="6"/>	<input type="text" value="1"/>
<input checked="" type="checkbox"/> Locked Down	<input type="text" value="14"/>	<input type="text" value="9"/>
<input type="checkbox"/> Crossed Up	<input type="text" value="6"/>	<input type="text" value="10"/>
<input checked="" type="checkbox"/> Crossed Down	<input type="text" value="12"/>	<input type="text" value="10"/>
<input type="checkbox"/> Whiplash	<input type="text" value="2"/>	<input type="text" value="1"/>
<input checked="" type="checkbox"/> Whiplash Down	<input type="text" value="2"/>	<input type="text" value="1"/>
<input type="checkbox"/> Breakout	<input type="text" value="2"/>	<input type="text" value="1"/>
<input checked="" type="checkbox"/> Breakdown	<input type="text" value="2"/>	<input type="text" value="1"/>
<input type="checkbox"/> Narrowing Spread	<input type="text" value="2"/>	<input type="text" value="1"/>
<input type="checkbox"/> Trading Above	<input type="text" value="2"/>	<input type="text" value="1"/>
<input checked="" type="checkbox"/> Trading Below	<input type="text" value="2"/>	<input type="text" value="1"/>
<input type="checkbox"/> Volumn Move Up	<input type="text" value="2"/>	<input type="text" value="1"/>
<input checked="" type="checkbox"/> Volumn Move Dow	<input type="text" value="2"/>	<input type="text" value="1"/>

FIG. 9D

15 / 16

Eyes Preferences [X]

Min Stock Price Exchanges

Max Stock Price ☒ Scroll Down

Min 3 Day Avg. ☐ Scroll Up

Max bid/ask spread ☐ Edit Symbols

Min consolidation time ☐ Log Messages

Indicators	Text	Background
<input type="checkbox"/> New Highs	<input type="text" value="2"/>	<input type="text" value="1"/>
<input type="checkbox"/> New High Ask	<input type="text" value="2"/>	<input type="text" value="1"/>
<input checked="" type="checkbox"/> Highs Most Active	<input type="text" value="2"/>	<input type="text" value="1"/>
<input checked="" type="checkbox"/> 52 Week Highs	<input type="text" value="6"/>	<input type="text" value="1"/>
<input type="checkbox"/> New Lows	<input type="text" value="2"/>	<input type="text" value="1"/>
<input type="checkbox"/> New Low Bid	<input type="text" value="2"/>	<input type="text" value="1"/>
<input checked="" type="checkbox"/> Lows Most Active	<input type="text" value="2"/>	<input type="text" value="1"/>
<input checked="" type="checkbox"/> 52 Week Lows	<input type="text" value="2"/>	<input type="text" value="1"/>
<input type="checkbox"/> Locked Up	<input type="text" value="2"/>	<input type="text" value="1"/>
<input type="checkbox"/> Locked Down	<input type="text" value="2"/>	<input type="text" value="1"/>
<input type="checkbox"/> Crossed Up	<input type="text" value="2"/>	<input type="text" value="1"/>
<input type="checkbox"/> Crossed Down	<input type="text" value="2"/>	<input type="text" value="1"/>
<input checked="" type="checkbox"/> Whiplash	<input type="text" value="2"/>	<input type="text" value="1"/>
<input type="checkbox"/> Whiplash Down	<input type="text" value="2"/>	<input type="text" value="1"/>
<input checked="" type="checkbox"/> Breakout	<input type="text" value="4"/>	<input type="text" value="1"/>
<input checked="" type="checkbox"/> Breakdown	<input type="text" value="2"/>	<input type="text" value="1"/>
<input type="checkbox"/> Narrowing Spread	<input type="text" value="2"/>	<input type="text" value="1"/>
<input type="checkbox"/> Trading Above	<input type="text" value="2"/>	<input type="text" value="1"/>
<input type="checkbox"/> Trading Below	<input type="text" value="2"/>	<input type="text" value="1"/>
<input checked="" type="checkbox"/> Volume Move Up	<input type="text" value="3"/>	<input type="text" value="1"/>
<input checked="" type="checkbox"/> Volume Move Dow	<input type="text" value="9"/>	<input type="text" value="2"/>
<input checked="" type="checkbox"/> Consolidation	<input type="text" value="4"/>	<input type="text" value="2"/>
<input type="checkbox"/> Channel Breakout	<input type="text" value="8"/>	<input type="text" value="2"/>
<input type="checkbox"/> Channel Breakdow	<input type="text" value="7"/>	<input type="text" value="2"/>
<input checked="" type="checkbox"/> Up Trend	<input type="text" value="2"/>	<input type="text" value="1"/>
<input checked="" type="checkbox"/> Down Trend	<input type="text" value="2"/>	<input type="text" value="1"/>

FIG. 10

16 / 16

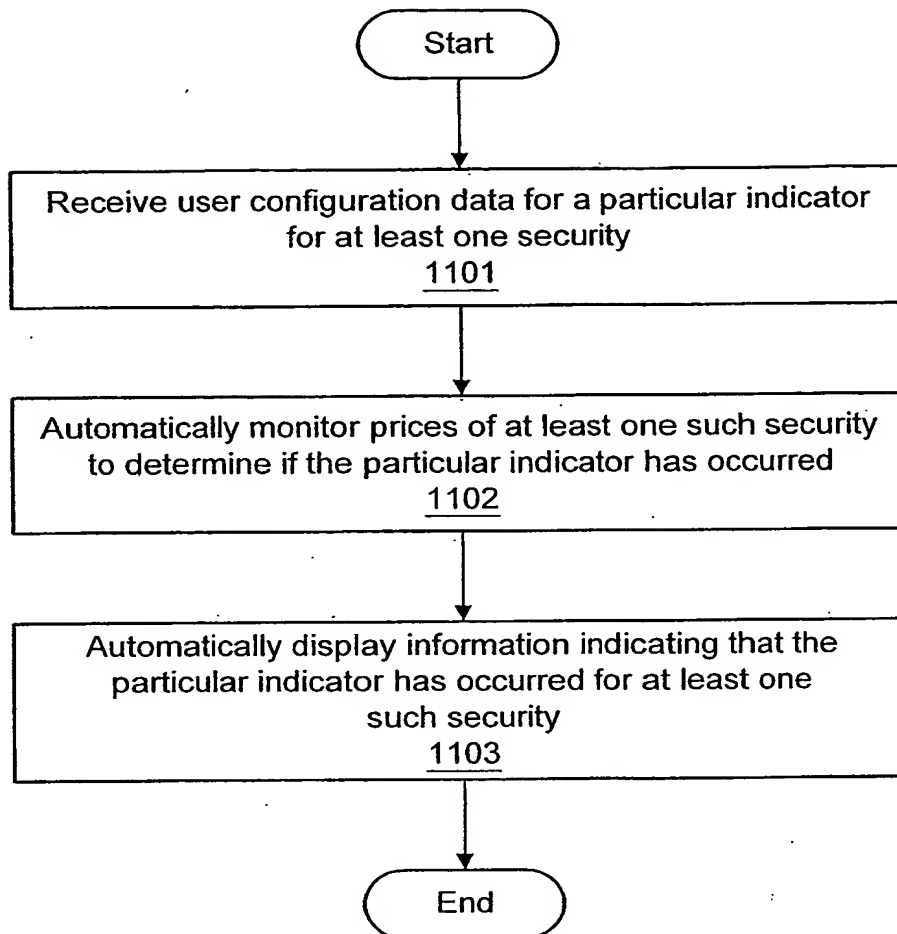


FIG. 11

PATENT COOPERATION TREATY

PCT

DECLARATION OF NON-ESTABLISHMENT OF INTERNATIONAL SEARCH REPORT

(PCT Article 17(2)(a), Rules 13ter.1(c) and Rule 39)

Applicant's or agent's file reference 5226-01101	IMPORTANT DECLARATION	Date of mailing(day/month/year) 22/02/2002
International application No. PCT/US 01/ 30826	International filing date(day/month/year) 01/10/2001	(Earliest) Priority date(day/month/year) 29/09/2000
International Patent Classification (IPC) or both national classification and IPC		G06F17/60
Applicant PROTRADER TECHNOLOGIES, L.P.		

This International Searching Authority hereby declares, according to Article 17(2)(a), that **no international search report will be established** on the international application for the reasons indicated below

1. ☒ The subject matter of the international application relates to:
 - a. ☐ scientific theories.
 - b. ☐ mathematical theories
 - c. ☐ plant varieties.
 - d. ☐ animal varieties.
 - e. ☐ essentially biological processes for the production of plants and animals, other than microbiological processes and the products of such processes.
 - f. ☒ schemes, rules or methods of doing business.
 - g. ☐ schemes, rules or methods of performing purely mental acts.
 - h. ☐ schemes, rules or methods of playing games.
 - i. ☐ methods for treatment of the human body by surgery or therapy.
 - j. ☐ methods for treatment of the animal body by surgery or therapy.
 - k. ☐ diagnostic methods practised on the human or animal body.
 - l. ☐ mere presentations of information.
 - m. ☐ computer programs for which this International Searching Authority is not equipped to search prior art.
2. ☐ The failure of the following parts of the international application to comply with prescribed requirements prevents a meaningful search from being carried out:

☐ the description
☐ the claims
☐ the drawings
3. ☐ The failure of the nucleotide and/or amino acid sequence listing to comply with the standard provided for in Annex C of the Administrative Instructions prevents a meaningful search from being carried out:

☐ the written form has not been furnished or does not comply with the standard.
 ☐ the computer readable form has not been furnished or does not comply with the standard.
4. Further comments:

Name and mailing address of the International Searching Authority



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Authorized officer

M. Rodriguez Nóvoa

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 203

The claims relate to subject matter for which no search is required according to Rule 39 PCT. Given that the claims are formulated in terms of such subject matter or merely specify commonplace features relating to its technological implementation, the search examiner could not establish any technical problem which might potentially have required an inventive step to overcome. Hence it was not possible to carry out a meaningful search into the state of the art (Art. 17(2)(a)(i) and (ii) PCT; see Guidelines Part B Chapter VIII, 1-6).

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

REVISED VERSION

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(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
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CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,

LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI,
SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA,
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patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE,
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: COMPUTERIZED METHOD AND SYSTEM FOR DISPLAYING INFORMATION ABOUT SECURITIES

(57) Abstract:

WO 02/027627 A2

PATENT COOPERATION TREATY

PCT

DECLARATION OF NON-ESTABLISHMENT OF INTERNATIONAL SEARCH REPORT

(PCT Article 17(2)(a), Rules 13ter.1(c) and Rule 39)

Applicant's or agent's file reference 5226-01101	IMPORTANT DECLARATION	Date of mailing(day/month/year) 22/02/2002
International application No. PCT/US 01/ 30826	International filing date(day/month/year) 01/10/2001	(Earliest) Priority date(day/month/year) 29/09/2000
International Patent Classification (IPC) or both national classification and IPC		G06F17/60
Applicant PROTRADER TECHNOLOGIES, L.P.		

This International Searching Authority hereby declares, according to Article 17(2)(a), that no international search report will be established on the international application for the reasons indicated below

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 - c. ☐ plant varieties.
 - d. ☐ animal varieties.
 - e. ☐ essentially biological processes for the production of plants and animals, other than microbiological processes and the products of such processes.
 - f. ☒ schemes, rules or methods of doing business.
 - g. ☐ schemes, rules or methods of performing purely mental acts.
 - h. ☐ schemes, rules or methods of playing games.
 - i. ☐ methods for treatment of the human body by surgery or therapy.
 - j. ☐ methods for treatment of the animal body by surgery or therapy.
 - k. ☐ diagnostic methods practised on the human or animal body.
 - l. ☐ mere presentations of information.
 - m. ☐ computer programs for which this International Searching Authority is not equipped to search prior art.


2. ☐ The failure of the following parts of the international application to comply with prescribed requirements prevents a meaningful search from being carried out:

☐ the description
☐ the claims
☐ the drawings

3. ☐ The failure of the nucleotide and/or amino acid sequence listing to comply with the standard provided for in Annex C of the Administrative Instructions prevents a meaningful search from being carried out:

☐ the written form has not been furnished or does not comply with the standard.
 ☐ the computer readable form has not been furnished or does not comply with the standard.

4. Further comments:

Name and mailing address of the International Searching Authority  European Patent Office, P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer <p style="text-align: center;">M. Rodriguez Nôvoa</p>
--	--

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 203

The claims relate to subject matter for which no search is required according to Rule 39 PCT. Given that the claims are formulated in terms of such subject matter or merely specify commonplace features relating to its technological implementation, the search examiner could not establish any technical problem which might potentially have required an inventive step to overcome. Hence it was not possible to carry out a meaningful search into the state of the art (Art. 17(2)(a)(i) and (ii) PCT; see Guidelines Part B Chapter VIII, 1-6).

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

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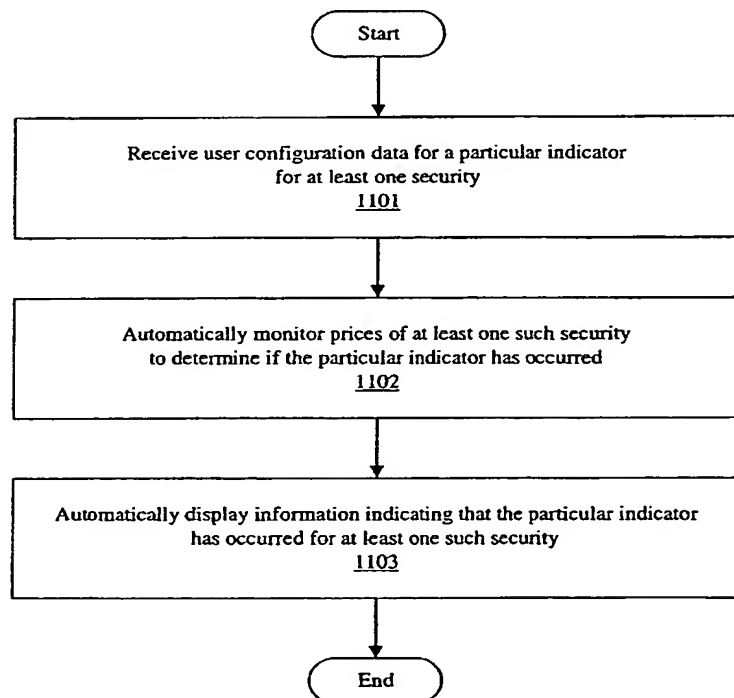
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(54) Title: **COMPUTERIZED METHOD AND SYSTEM FOR DISPLAYING INFORMATION ABOUT SECURITIES**



(57) Abstract: The present invention provides various embodiments of an improved method and system for displaying information about securities. In one embodiment, the invention may provide a trader of securities real-time access to market trend information regarding prices of securities. Additionally, information such as indicators derived from prices of the securities may be provided to the trader of securities. The trader may be given the ability to customize how information is displayed to assist the trader in making buy/sell decisions, or to customize the content of the information that is displayed so that only the securities, prices, indicators, or other information that is configured to be displayed is filtered for display. In one embodiment, the relevant information received by the trader's computer system may be used to derive other indicators or information regarding predicted future movement of a particular security and/or the market in general. In one embodiment, the present invention may offer a choice of any of multiple indicators to be displayed to a trader depending on the trader's configuration. In one embodiment, the trader may configure the interface to display relevant information regarding selected securities. In one

embodiment, multiple instances of the present invention may be used concurrently by a single trader using a single interface. In one embodiment, real-time access to market trend information regarding prices of securities may be accomplished via the Internet and data may be transferred from an Internet server as the source to a user interface as the destination.

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TITLE: COMPUTERIZED METHOD AND SYSTEM FOR DISPLAYING INFORMATION ABOUT SECURITIES

BACKGROUND OF THE INVENTION

1. **Field of the Invention**

The present invention generally relates to computer software. More particularly, the present invention relates to computer-implemented monitoring of securities (e.g., stocks, options contracts, futures, bonds, mutual funds, and other investments).

2. **Description of the Related Art**

The securities trading industry has burgeoned since the advent of the Internet. Many companies offer securities trading services through a variety of automated methods, such as through a telephone or a computer system. The placement of orders to buy or sell securities may be done through the use of an order entry screen on a computer system. Before placing an order, a trader of securities may review technical analysis data to aid in making trading decisions. As used herein, a "security" is an investment instrument, issued by a corporation, government, or other organization which offers evidence of debt or equity (e.g., stocks, options contracts, futures, bonds, mutual funds, and other investments). As used herein, "technical analysis" is a method of evaluating securities by relying on the assumption that market data (e.g., charts of price, volume, and open interest) may help predict future (usually relatively short-term) market trends.

Prior to the 1930s securities laws requiring full disclosure of company information, professional securities trading was primarily accomplished by physically monitoring on price activity. More recently, technical analysts have observed market fluctuations and discovered patterns or indicators that appear to be useful in making buy and sell decisions. Typically, this technical analysis is done using a computer system. Watching market trends and providing indicators derived from price fluctuations may be useful to traders of securities making buy or sell decisions.

To make this technical analysis more useful in the time-critical world of day-trading, it is desirable to provide a method for presenting technical analysis data in real-time. As used herein, "real-time" indicates a response to stimuli within some relatively small upper limit of response time (e.g., seconds or minutes). Moreover, given the quantity of information potentially available to traders, it is also desirable to provide a method to allow a trader of securities to customize the display of this data in real-time.

SUMMARY OF THE INVENTION

The present invention provides various embodiments of an improved method and system for displaying information about securities.

In one embodiment, the invention may provide a trader of securities real-time access to market trend information regarding prices of securities. Additionally, information such as indicators derived from prices of the securities may be provided to the trader of securities. In another embodiment of the present invention, the trader of securities may be given the ability to customize how information is displayed to assist the trader in making buy/sell decisions. In another embodiment, particular activity may trigger audio cues (i.e., sounds) to alert the trader of the

activity. In yet another embodiment of the present invention, the trader of securities may be given the ability to customize the content of the information that is displayed so that only the securities, prices, indicators, or other information that is configured to be displayed is filtered for display to the user.

For example, a computer system (e.g., a personal computer, a laptop computer, a cellular telephone, a pager) or some other means of receiving information may be configured to receive relevant information. Upon receipt of the information, the computer system may be described as an interface and may display the information to the trader of securities. In one embodiment, the relevant information received by the trader's computer system may be used to derive other indicators or information regarding predicted future movement of a particular security and/or the market in general. In one embodiment, the present invention may offer a choice of any of multiple indicators to be displayed to a trader depending on the trader's configuration. In one embodiment, the trader may configure the interface to display relevant information regarding selected securities. In another embodiment, the list of indicators available may be updated to provide the trader more choices.

In one embodiment, multiple instances of the present invention may be used concurrently by a single trader using a single interface for the purpose of monitoring particular indicators or groups of indicators in separate display windows. In one embodiment, multiple instances of the present invention may be used concurrently by a single trader using a single interface for the purpose of monitoring particular securities (e.g., stocks) or groups of securities in separate display windows. In one embodiment, multiple instances of the present invention may be used concurrently by a single trader using a single interface where each instance may be configured to display information differently.

In one embodiment, real-time access to market trend information regarding price fluctuations of securities may be accomplished via the Internet and data may be transferred from an Internet server as the source to a user interface as the destination.

BRIEF DESCRIPTION OF THE DRAWINGS

Figure 1 is a network diagram of a wide area network suitable for implementing various embodiments;

Figure 2 is an illustration of a typical computer system suitable for implementing various embodiments;

Figures 3(a) - 3(d) are screenshots of a series of computerized monitoring of securities windows ("Eyes") according to one embodiment;

Figure 4 is an "Eyes" screenshot after a right click to bring up menu options according to one embodiment;

Figure 5 is a screenshot of a first configuration window ("Eyes Preferences") according to a first embodiment;

Figure 6 is an "Eyes" screenshot of a second configuration window ("Show/Hide Columns") according to one embodiment;

Figure 7 is an "Eyes" screenshot of another configuration window ("Layouts Setup") according to one embodiment;

Figure 8 is an "Eyes" screenshot with multiple indicators configured to be displayed according to one embodiment;

Figures 9(a) - 9(d) are screenshots of multiple instances of "Eyes", each providing different information, according to one embodiment;

Figure 10 is a screenshot of a first configuration window ("Eyes Preferences") according to a second embodiment; and

Figure 11 is a flowchart illustrating a method of displaying information about securities in real-time and monitoring indicators of securities in real-time according to one embodiment.

While the invention is susceptible to various modifications and alternative forms, specific embodiments thereof are shown by way of example in the drawings and will be described in detail herein. It should be understood, however, that the drawings and detailed description thereto are not intended to limit the invention to the particular form disclosed, but on the contrary, the intention is to cover all modifications, equivalents and alternatives falling within the spirit and scope of the present invention as defined by the appended claims.

DETAILED DESCRIPTION OF SEVERAL EMBODIMENTS

As used herein, a trade price, or price of a security is the price of a transaction for that security. As used herein, an opening price of a security is the price of the first transaction for that security at the beginning of a given trading session. As used herein, a closing price of a security is the price of the last transaction for that security at the end of a given trading session.

As used herein, volume of a security is the number of shares or other instruments (e.g., bonds, contracts) that have been traded during a given time period, usually a given trading session. Volume of an entire exchange may also be computed. Trading volume is synonymous with the term volume.

As used herein, a bid price is the highest price that any buyer is willing to pay for a given security at a given time. Conversely, an ask price is the lowest price that any seller is willing to accept for a given security at a given time.

Figure 1: Wide Area Network

Figure 1 illustrates a wide area network (WAN) according to one embodiment. WAN 102 is a network that spans a relatively large geographical area. The Internet is an example of WAN 102. WAN 102 typically includes a plurality of computer systems which are interconnected through one or more networks. Although one particular configuration is shown in Figure 1, WAN 102 may include a variety of heterogeneous computer systems and networks which are interconnected in a variety of ways and which run a variety of software applications.

One or more local area networks (LANs) 104 may be coupled to WAN 102. A LAN 104 is a network that spans a relatively small area. Typically, a LAN 104 is confined to a single building or group of buildings. Each node (i.e., individual computer system or device) on a LAN 104 preferably has its own CPU with which it executes programs, and each node is also able to access data and devices anywhere on the LAN 104. The LAN 104 thus allows many users to share devices (e.g., printers) as well as data stored on file servers. The LAN 104 may be characterized by any of a variety of types of topology (i.e., the geometric arrangement of devices on the network), of protocols (i.e., the rules and encoding specifications for sending data, and whether the network uses a peer-to-peer or client/server architecture), and of media (e.g., twisted-pair wire, coaxial cables, fiber optic cables, radio waves).

Each LAN 104 includes a plurality of interconnected computer systems and optionally one or more other devices: for example, one or more workstations 110a, one or more personal computers 112a, one or more laptop or notebook computer systems 114, one or more server computer systems 116, and one or more network printers 118. As illustrated in Figure 1, an example LAN 104 may include one of each of computer systems 110a, 112a, 114, and

116, and one printer 118. The LAN 104 may be coupled to other computer systems and/or other devices and/or other LANs 104 through WAN 102.

One or more mainframe computer systems 120 may be coupled to WAN 102. As shown, the mainframe 120 may be coupled to a storage device or file server 124 and mainframe terminals 122a, 122b, and 122c. The mainframe terminals 122a, 122b, and 122c may access data stored in the storage device or file server 124 coupled to or included in the mainframe computer system 120.

WAN 102 may also include computer systems which are connected to WAN 102 individually and not through a LAN 104; as illustrated, for purposes of example, a workstation 110b and a personal computer 112b. For example, WAN 102 may include computer systems which are geographically remote and connected to each other through the Internet.

Figure 2: Typical computer system

Figure 2 illustrates a typical computer system 150 which is suitable for implementing various embodiments of a system and method for computerized monitoring of securities. Each computer system 150 typically includes components such as a CPU 152 with an associated memory medium such as floppy disks 160. The memory medium may store program instructions for computer programs, wherein the program instructions are executable by the CPU 152. The computer system 150 may further include a display device such as a monitor 154, an alphanumeric input device such as a keyboard 156, and a directional input device such as a mouse 158. The computer system 150 may be operable to execute the computer programs to implement monitoring of securities as described herein.

The computer system 150 preferably includes a memory medium on which computer programs according to various embodiments may be stored. The term "memory medium" is intended to include an installation medium, e.g., a CD-ROM, or floppy disks 160, a computer system memory such as DRAM, SRAM, EDO RAM, Rambus RAM, etc., or a non-volatile memory such as a magnetic media, e.g., a hard drive, or optical storage. The memory medium may include other types of memory as well, or combinations thereof. In addition, the memory medium may be located in a first computer in which the programs are executed, or may be located in a second different computer which connects to the first computer over a network. In the latter instance, the second computer provides the program instructions to the first computer for execution. Also, the computer system 150 may take various forms, including a personal computer system, mainframe computer system, workstation, network appliance, Internet appliance, personal digital assistant (PDA), television system or other device. In general, the term "computer system" can be broadly defined to encompass any device having a processor which executes instructions from a memory medium.

The memory medium preferably stores a software program or programs for monitoring of securities as described herein. The software program(s) may be implemented in any of various ways, including procedure-based techniques, component-based techniques, and/or object-oriented techniques, among others. For example, the software program may be implemented using ActiveX controls, C++ objects, JavaBeans, Microsoft Foundation Classes (MFC), browser-based applications (e.g., Java applets), traditional programs, or other technologies or methodologies, as desired. A CPU, such as the host CPU 152, executing code and data from the memory medium includes a means for creating and executing the software program or programs according to the methods and/or block diagrams described below.

Figures 3(a) - 3(d): Eyes

Figures 3(a) - 3(d) illustrate the user perspective of the operation of computerized monitoring of securities windows ("Eyes") according to one embodiment. From one drawing to the next, information scrolls downwards with new reported indicators displayed at the top of the screen, as prices fluctuate. In one embodiment, scrolling may be configured either upward or downward through the Eyes Preferences window (refer to Figures 5 and 10).

As shown in Figure 3(a), the two most recent reported indicators were both recorded at 11:31:15am. The most recent reported indicator is shown as security symbol SGR at price 45 5/8 with the indicator noted in the text as "new low bid". Similarly, the second most recent reported indicator is shown as security symbol SBC at price 41 7/8 with the indicator noted in the text as "Crossed down". Figures 3(b) - 3(d) illustrate snapshots of the Eyes window later in time during the same trading session as shown in Figure 3(a). Figure 3(b) was captured at 11:31:19am, Figure 3(c) was captured at 11:31:22am, and Figure 3(d) was captured at 11:31:33am. As can be seen in Figure 3(b), the SGR and SBC indicator lines appear below indicators for the following securities: CSGS (two indicators), REI-C, HRZ, and HCR. Thus, five indicators were generated during the four seconds between the time that Figure 3(a) was captured and the time that Figure 3(b) was captured. It is noted that the last five lines of indicators at the bottom of the screen in Figure 3(a) are not shown in Figure 3(b) (i.e., NPIX, PCSA, SPOT (three indicators)). However, the scroll bar shown in Figure 3(b) may be used to display these five indicators, among others. Similarly, Figure 3(c) includes eleven indicators that were generated during the three seconds between the time that Figure 3(b) was captured and the time that Figure 3(c) was captured, namely, indicators for the following securities: RSYS, HI, \$LXLX, LMNX, TMBR, TMBR, INOD, INOD, BCF, TMBR, DRXR. Figure 3(d) includes seven indicators that were generated during the eleven seconds between the time that Figure 3(c) was captured and the time that Figure 3(d) was captured, namely, indicators for the following securities: RATL, FLRE, AFCL, RSYS, TLXS, TLXS, SSTI.

If a trader sets the preference "Scroll Up" through the Eyes Preferences window (refer to Figures 5 and 10), then the information may scroll upwards, with new reported indicators displayed at the top of the screen, as prices fluctuate. In one embodiment, the information may be configured to not scroll (i.e., remain static), with new reported indicators replacing older indicators.

In one embodiment with static indicator reports, new indicator reports for a particular indicator may only replace older indicator reports for that indicator. For example, if the last New High was for security AA with price 189 1/4 and the latest New High is for security BB with price 87 5/16 then the New High indicator report for security AA would be replaced with the New High indicator report for security BB.

In another embodiment with static indicator reports, a new indicator report for a particular security may only replace an older indicator report for the same security. For example, if the last indicator report for security AA with price 189 1/4 was a New High Ask and the latest indicator report for security AA is a New High at price 189 1/4, then the new indicator report for the New High for security AA would replace the New High Ask indicator report for security AA.

There are a number of ways in which the information may be transmitted to the user interface. In one embodiment, with the purpose of minimizing bandwidth use between the user interface and the source of information, all indicators may be computed at the source of information with only individual lines of text, as they appear to the user, being sent to the user interface for display. Computation of the indicators at the source of information may minimize the computing power required on the trader's computer system. This embodiment may require significant computing power at the source of information, particularly as the number of users grows. Under

a centralized system as described in this embodiment, changes to user preferences that would affect the quantity and quality of the information may be transmitted to the source of information so that only relevant data may be subsequently transmitted to the trader's computer system. However, user preference changes such as which columns to show or hide may remain on the trader's computer system, and may not be transmitted to the computer system where the computation takes place (i.e., the source of information).

In another embodiment, to minimize the computing power required at the source computer system, all fundamental data may be transmitted in raw form (current prices, sell offers, buy offers, etc.) to the trader's computer system. The user interface may then filter, refine, and otherwise compute relevant indicators and other information from the data received before displaying the computed information. This embodiment may require significant bandwidth to process the transmission of data.

In another embodiment, a hybrid of the previous two embodiments may be implemented, where the user interface may essentially act as a filter of information. This solution may require substantial bandwidth for transmission, but less computing power at the trader's computer system.

In other embodiments, various combinations of computation at the source of information or at the destination (i.e., the trader's computer system) may be implemented to achieve solutions within the constraints of particular user situations and demands. The source of information may be configured to transmit differently to different trader's computer systems. In any combination of computation distribution, however, the information displayed to the trader, may be comparable and equally configurable.

Figure 4: Eyes Menu

Figure 4 illustrates one embodiment of the present invention where a right click on the "Eyes" window may result in a pop-up window containing menu options being displayed. The menu options may include: "Always On Top," "Set Preferences," "Show/Hide Columns," "Link Windows," "Clear Eyes," "Save Window Layout," and "Open Windows Layout," as shown in Figure 4.

The option "Always On Top" may be toggled on or off as indicated by the presence or the absence of a checkmark. As shown in Figure 4, the "Always On Top" option is preceded by a checkmark. "Always On Top" is a graphical user interface (GUI) functionality that ensures a particular window does not get covered in part or in whole by windows that have not been configured to be "Always On Top."

The option "Set Preferences" may open an Eyes Preferences pop-up window. A first embodiment of the Eyes Preferences pop-up window is shown in Figure 5; a second embodiment of the Eyes Preferences pop-up window is shown in Figure 10. Similarly, the option "Show/Hide Columns" may open another pop-up window, the Show/Hide Columns pop-up window, as shown in Figure 6.

The option "Link Windows" may open another pop-up window that may enable linking the information with other compatible tools, windows, and/or applications. For example, "Eyes" may be linked to Charting functionality windows so that graphs, charts, and/or other graphical information of trading information may be displayed for particular user-specified securities. One embodiment of the present invention may be used in combination with other components to facilitate day-trading of securities and other activities that would benefit from real-time access to market trend information regarding price fluctuations of securities. In one embodiment, the present invention may be part of a package of day-trading tools that complement each other to provide traders

different perspectives on market trends in an effort to assist the trader in making buy/sell decisions for various securities.

The option "Clear Eyes" may clear all indicator reports currently displayed in the "Eyes" window.

The option "Save Window Layout" may open another pop-up window, the "Layouts Setup" window, as shown in Figure 7. The "Layouts Setup" window may allow a trader to save the current layout and the current options. In one embodiment, saving preferences may require naming the particular preferences being saved. In one embodiment, the title bar of the Eyes window may reflect the name under which a set of preferences is saved (e.g., the title bar in Figure 4 shows "Eyes1" as the name of the saved window preferences; "Eyes1" also appears in the list in Figure 7 of available window layouts).

The option "Open Windows Layout" may also open the "Layouts Setup" pop-up window, as shown in Figure 7. Alternatively, a separate pop-up window, similar to the "Layouts Setup" pop-up window, may be opened. The "Layouts Setup" window may allow a trader to retrieve a previously saved window layout and options. In one embodiment, restoring a previously saved window layout may cause the title bar of the Eyes window to be changed to the name of the selected previously saved window layout.

Figure 5: Eyes Preferences Window: a first embodiment

The "Eyes Preferences" pop-up window may appear when a trader selects the "Set Preferences" option, as noted in Figure 4 according to one embodiment.

Figure 5 illustrates configuration options or indicators, according to one embodiment. The indicators shown in Figure 5 include: "New Highs," "New High Ask," "Highs Most Active," "52 Week Highs," "New Lows," "New Low Bid," "Lows Most Active," "52 Week Lows," "Locked Up," "Locked Down," "Crossed Up," "Crossed Down," "Whiplash," "Whiplash Down," "Breakout," "Breakdown," "Narrowing Spread," "Trading Above," "Trading Below," "Volume Move Up," and "Volume Move Down" indicators. Additional indicators (not shown in Figure 5) may include: "Consolidation," "Channel Breakout," "Channel Breakdown," "Up Trend," "Down Trend," "30 Minute Breakout," "30 Minute Breakdown," and "Volume Spike" among others. Of these additional indicators, the following are shown in Figure 10: "Consolidation," "Channel Breakout," "Channel Breakdown," "Up Trend," "Down Trend". Indicators may be added and/or deleted as the need and/or availability occurs.

In one embodiment, selected indicators for display on the trader's computer system may be marked with a check in the appropriate box next to the text of the name of the indicator. As shown in Figure 5, the following indicators are marked with a check: "New Highs," "New High Ask," "Highs Most Active," "52 Week Highs," "New Lows," "New Low Bid," "Lows Most Active," "52 Week Lows," "Locked Up," "Locked Down," "Crossed Up," and "Crossed Down." In one embodiment, a trader may use multiple instances of the "Eyes Preferences" pop-up window, using various strategies for sorting the checkmarks among the multiple instances of the "Eyes Preferences" pop-up window. For example, a trader may use two instances of the "Eyes Preferences" pop-up window: the first instance having checkmarks for the positive indicators, and the second instance having checkmarks for the negative indicators. This example is illustrated in Figures 9(a) - 9(d).

As used herein, a "New High" indicates that the last trade price is higher than the previous high price. If a new high is reached within a given trading session, it is listed simply as a "New High". For example, if the last trade price is 64 1/8 for security ABC, and the previous high price for security ABC within the same trading session was 63 1/2, then there is a New High. Similarly, a designation of a time period (e.g., days, weeks, months, quarters,

years) may be added to the indicator text for display to the trader when a new high is reached over a time period greater than one day (i.e., the previous high price was reached in a trading session prior to the current trading session). It is noted that the time period designation may be used for many of the indicators. For example, if the last trade price is $86 \frac{7}{8}$ for security DEF, and the previous high price for security DEF occurred four days (or four trading sessions) ago, then there is a New 4 Day High.

As used herein, a "New High Ask" indicates that the last ask price is higher than the previous high ask price. If a new high ask is reached within a given trading session, it is listed simply as a "New High Ask". For example, if the last ask price is $21 \frac{3}{8}$ for security GHI, and the previous high ask price for security GHI within the same trading session was $21 \frac{1}{8}$, then there is a New High Ask. An example that includes a designation of a time period: if the last ask price is $46 \frac{7}{8}$ for security JKL, and the previous high ask price for security JKL occurred two weeks (or ten trading sessions) ago, then there is a New 2 Week High Ask.

As used herein, a "High Most Active" indicates that the last trade price is higher than the previous high price, and the security is a member of a list of "Most Active" securities. If a new high is reached within a given trading session and the security reaching the new high is a member of the list of "Most Active" securities, the new high is listed simply as a "New High Most Active". For example, if the last trade price is $64 \frac{1}{8}$ for security ABC, and the previous high price for security ABC within the same trading session was $63 \frac{1}{2}$, then there is a New High. The time period designation noted earlier may be used for a "High Most Active" security (i.e., "New 2 Day High Most Active").

The list of "Most Active" securities is derived by identifying securities which meet certain criteria (e.g., largest gainers, largest percentage gainers, largest losers, largest percentage losers, largest volume, largest percentage volume). Some of the criteria may be user-definable (e.g., an over-riding minimum of a certain dollar amount for each security, an over-riding three-day volume average for each security). The "Most Active" securities may be derived from all securities meeting the over-riding user-definable values that are traded on all exchanges. Alternatively, the trader may be able to further limit the universe under observation by limiting the "Most Active" list to be derived from securities listed on a particular exchange or set of exchanges, or from a list of user-defined securities (e.g., the securities which the trader either owns or has an interest in following for purposes of possible purchase in the future).

As used herein, a "52 Week High" indicates that the last trade price is a "New High" and is the highest price the security has reached over the last year. For example, if the last trade price is $94 \frac{1}{8}$ for security MNO, and security MNO has never traded as high as $94 \frac{1}{8}$ during the previous 52 weeks, then there is a 52 Week High. It is noted that "52 Week High" is not the same designation as "New 52 Week High". For example, if a new high is recorded each day in one week (i.e., Monday's new high is 45, Tuesday's new high is 46, Wednesday's new high is 47, Thursday's new high is 48, and Friday's new high is 49), where during the previous 52 weeks the security never traded above Monday's high (46), then each successive new high is also a 52 week high. However, a "New 52 Week High" is always also a "52 Week High" (i.e., if the last trade price is $52 \frac{7}{8}$ for security PQR, and the previous high price for security PQR occurred 52 weeks ago, then there is a New 52 Week High which also is a 52 Week High).

As used herein, a "New Low" indicates that the last trade price is lower than the previous low price. If a new low is reached within a given trading session, it is listed simply as a "New Low". For example, if the last trade price is $41 \frac{3}{4}$ for security STU, and the previous low price for security STU within the same trading session was

41 7/8, then there is a New Low. Another example that includes a designation of a time period is if the last trade price is 6 1/2 for security VWX, and the previous low price for security VWX occurred two days (or two trading sessions) ago, then there is a New 2 Day Low.

As used herein, a "New Low Bid" indicates that the last bid price is lower than the previous low bid price. If a new low bid is reached within a given trading session, it is listed simply as a "New Low Bid". For example, if the last bid price is 22 3/8 for security YZA, and the previous low bid price for security YZA within the same trading session was 23, then there is a New Low Bid. An example that includes a designation of a time period: if the last bid price is 36 1/8 for security BCD, and the previous low bid price for security BCD occurred three weeks (or fifteen trading sessions) ago, then there is a New 3 Week Low Bid.

As used herein, a "Low Most Active" indicates that the last trade price is lower than the previous low price, and the security is a member of a list of "Most Active" securities, similar to the "High Most Active" indicator. If a new low is reached within a given trading session and the security reaching the new low is a member of the list of "Most Active" securities, the new low is listed simply as a "New Low Most Active". For example, if the last trade price is 41 3/8 for security EFG, and the previous low price for security EFG within the same trading session was 41 1/2, then there is a New Low. The time period designation noted earlier may be used for a "Low Most Active" security (i.e., "New 2 Month Low Most Active").

As used herein, a "52 Week Low" indicates that the last trade price is a "New Low" and is the lowest price the security has reached over the last year. For example, if the last trade price is 12 for security HIJ, and security HIJ has never traded as low as 12 during the previous 52 weeks, then there is a 52 Week Low.

As used herein, "Locked Up" indicates that the bid price has moved upward to the point that the last bid price is exactly equal to the last ask price (i.e., the bid price and the ask price are from two different marketmakers). For example, if the last ask price is 25 for security KLM and the bid price for security KLM moves up (i.e., from some value below 25) to the point where it is exactly equal to the last ask price (i.e., 25), then there is a Locked Up condition.

Similarly, "Locked Down" indicates that the ask price has moved downward to the point that the last ask price is exactly equal to the last bid price (i.e., the bid price and the ask price are from two different marketmakers). For example, if the last bid price is 47 7/16 for security NOP and the ask price for security NOP moves down (i.e., from some value above 47 7/16) to the point where it is exactly equal to the last bid price (i.e., 47 7/16), then there is a Locked Down condition.

As used herein, "Crossed Up" indicates that the bid price has moved upward to the point that the last bid price is greater than the last ask price (i.e., the bid price has moved above the ask price). For example, if the last ask price is 64 for security QRS and the bid price for security QRS moves up (i.e., from some value below 64) to the point where the last bid price is greater than the last ask price (i.e., the last bid price is 64 1/8), then there is a Crossed Up condition.

Similarly, "Crossed Down" indicates that the ask price has moved downward to the point that the last ask price is less than the last bid price (i.e., the ask price has moved below the bid price). For example, if the last bid price is 33 1/4 for security TUV and the ask price for security TUV moves down (i.e., from some value above 33 1/4) to the point where the last ask price is less than the last bid price (i.e., the last ask price is 33), then there is a Crossed Down condition.

As used herein, "Whiplash" indicates a special case of the "New High" indicator. Typically, a "Whiplash" condition exists when five criteria are met: 1) a "New High" has been reached; 2) today's opening price is a half percentage point below yesterday's low price (e.g., for security WXY, if yesterday's low is 100, and today's opening price is 99.50); 3) the "New High" is greater than yesterday's closing price (e.g., for security WXY, if yesterday's closing price is 102, and the "New High" is 103); 4) there is a tight bid/ask spread (i.e., the difference between the bid price and the ask price is less than or equal to one percentage point of the last trade price; for security WXY, for example, if the last trade price is 103, the bid price is 102 7/8 and the ask price is 103 3/8); and 5) the 3 day average volume is greater than 30,000 shares.

Similarly, "Whiplash Down" indicates a special case of the "New Low" indicator. Typically, a "Whiplash Down" condition exists when five criteria are met: 1) a "New Low" has been reached; 2) today's opening price is a half percentage point above yesterday's high price (e.g., for security ZAB, if yesterday's high is 100, and today's opening price is 100.50); 3) the "New Low" is less than yesterday's closing price (e.g., for security ZAB, if yesterday's closing price is 99, and the "New Low" is 98); 4) there is a tight bid/ask spread (e.g., for security ZAB, if the last trade price is 98, the bid price is 97 1/2 and the ask price is 98 1/8); and 5) the 3 day average volume is greater than 30,000 shares.

As used herein, a "Breakout" indicates that the daily high price for three of the last four trading sessions (i.e., days) has been within 0.6125% of the four day high and a new high has been reached (i.e., a price greater than that four day high). A "Breakout" may also be referred to as breaking through a resistance level. For example, if security CDE had a day 1 high price of 50, a day 2 high price of 49, a day 3 high price of 50 1/4, a day 4 high price of 50 1/8, and a day 5 high price of 50 3/4, then there is a Breakout condition.

Similarly, a "Breakdown" indicates that the daily low price for three of the last four trading sessions (i.e., days) has been within 0.6125% of the four day low and a new low has been reached (i.e., a price less than that four day low). A "Breakdown" may also be referred to as breaking through a support level. For example, if security FGH had a day 1 low price of 100 1/2, a day 2 low price of 100, a day 3 low price of 100 1/4, a day 4 low price of 101 1/4, and a day 5 low price of 99, then there is a Breakdown condition.

As used herein, a "Narrowing Spread" indicates that the spread difference (i.e., the difference between the ask price and the bid price) is greater than or equal to 3/4 (\$0.75) in the previous quote (i.e., the previous pair of highest bid price and lowest ask price available for a particular security) and less than or equal to 3/8 (\$0.375) in the current quote. For example, if in the previous quote the lowest ask price for security IJK was 21 7/8 and the highest bid price was 21 1/8 (i.e., the spread is 3/4), and in the current quote the lowest ask price for security IJK is 21 1/2 and the highest bid price is 21 1/4 (i.e., the spread is 1/4) then there is a Narrowing Spread condition.

As used herein, "Trading Above" indicates that the last trade was a New High, and that the price at which the last trade was executed was above the ask price. For example, if the following values exist for security LMN: previous high price: 39 1/4; ask price: 39 1/2; last trade price: 40; new high price: 40, then there is a Trading Above condition.

Similarly, "Trading Below" indicates that the last trade was a New Low, and that the price at which the last trade was executed was below the bid price. For example, if the following values exist for security OPQ: previous low price: 91 3/8; bid price: 91; last trade price: 88 7/8; new low price: 88 7/8, then there is a Trading Below condition.

As used herein, "Volume Move Up" indicates that a security has a New High and the total volume for the current trading session is at least 1.5 times the securities 3 day average volume. For example, if the volume of security RST was 1,000,000 on day 1, 800,000 on day 2, and 900,000 on day 3 (i.e., 3 day average volume is 900,000) and on day 4 security RST reaches a New High along with a volume of 1,400,000 (at least 1.5 times its 3 day average volume), then there is a Volume Move Up condition.

As used herein, "Volume Move Down" indicates that a security has a New Low and the total volume for the current trading session is at least 1.5 times the securities 3 day average volume. For example, if the volume of security UVW was 122,200,000 on day 1, 120,456,000 on day 2, and 130,010,000 on day 3 (i.e., 3 day average volume is 124,222,000) and on day 4 security UVW reaches a New Low along with a volume of 211,177,400 (at least 1.5 times its 3 day average volume), then there is a Volume Move Down condition.

As used herein, "Volume Spike" indicates that the volume of shares traded per second of a particular security has drastically changed, either considerably more volume or considerably less volume. For example, if the volume of shares of security XYZ traded at 13:11:45 was 2,000, and the volume of shares of security XYZ traded at 13:11:52 was 20,000, then there is a Volume Spike condition.

As used herein, "Consolidation" indicates that a security has been trading within a one percent range for a period of time, typically at least 30 minutes. While a security continues to consolidate (i.e., continues to trade within a one percent range beyond a specified period of time), an indication that the security is still consolidating may be repeated, at intervals. In one embodiment, at approximately 30 minutes intervals. For example, if security AB had been trading between 124 1/4 and 125 1/2 (i.e., within a 1% range) for a period of 90 minutes, then that security is consolidating. During those 90 minutes, an alert may be presented to the trader three times (i.e., approximately once every 30 minutes). Additionally, the number of minutes during which security AB is consolidating may be reported.

As used herein, "Channel Breakout" indicates that a security which has been consolidating for more than 30 minutes is followed by a breaking of the consolidation, on the upward side. For example, if security CD had been trading between 224 and 226 (within a 1% range) for a period of 50 minutes, then that security is consolidating. If security CD then begins to trade at 230, then there is a Channel Breakout condition.

As used herein, "Channel Breakdown" indicates that a security which has been consolidating for more than 30 minutes is followed by a breaking of the consolidation, on the downward side. For example, if security EF had been trading between 36 1/2 and 36 3/4 (within a 1% range) for a period of 40 minutes, then that security is consolidating. If security EF then begins to trade at 34, then there is a Channel Breakdown condition.

As used herein, "Up Trend" indicates that the closing price of a security has been consecutively higher for three days or more, and the 3 day volume average of the security is greater than 1.5 times the 30 day volume average of the security. For example, if security GH closed at 30 on day 1, 31 on day 2, 32 on day 3, and is trading at a price higher than 32 on day 4, along with a 3 day volume average of 1,600,000 and a 30 day volume average of 1,000,000, then there is a 4 Day Up Trend condition.

As used herein, "Down Trend" indicates that the closing price of a security has been consecutively lower for three days or more, and the 3 day volume average of the security is greater than 1.5 times the 30 day volume average of the security. For example, if security IJ closed at 15 on day 1, 14 on day 2, 13 on day 3, 12 on day 4, and is trading at a price lower than 12 on day 5, along with a 3 day volume average of 980,500 and a 30 day volume average of 575,000, then there is a 5 Day Down Trend condition.

As used herein, "30 Minute Breakout" indicates that a security has reached a new high price that is greater than the high price of the first 30 minutes of trading of the current trading session. For example, if security KL opened at 55 on day 1, and after 30 minutes of trading the highest price reached during those first 30 minutes of trading was $56 \frac{1}{4}$, and sometime after those first 30 minutes of trading security KL traded at $56 \frac{3}{8}$, then there is a 30 Minute Breakout condition.

Similarly, "30 Minute Breakdown" indicates that a security has reached a new low price that is less than the low price of the first 30 minutes of trading of the current trading session. For example, if security MN opened at 49 on day 1, and after 30 minutes of trading the lowest price reached during those first 30 minutes of trading was $45 \frac{3}{8}$, and sometime after those first 30 minutes of trading security MN traded at $45 \frac{1}{8}$, then there is a 30 Minute Breakdown condition.

In one embodiment, the user may configure the text color and background color for each indicator. This color configuration may be used to make particular indicators stand out at a glance. A trader may reserve certain text and/or background colors for particular indicators to specifically highlight those indicators. Text color and background color changes may be used to differentiate between various instances of the preferences window. A trader may also use colors to graduate indicators (e.g., from dark to light, green to red, or some similar scheme) to reflect the indicators particular importance to that trader.

In one embodiment, selecting the current text color for an indicator may open a "Text Color" pop-up window. The "Text Color" pop-up window may include a list of available text colors from which a text color may be selected by the trader. Similarly, selecting the current background color for an indicator may open a "Background Color" pop-up window. The "Background Color" pop-up window may include a list of available background colors from which a background color may be selected by the trader.

In one embodiment, sound may be configured to play for particular indicators. A trader may use the sound option to be alerted when important information arrives without looking at the interface. In one embodiment, selecting a sound for an indicator may open a "Sound" pop-up window. The "Sound" pop-up window may include a list of available sounds from which a sound may be selected by the trader.

In one embodiment, a "Minimum Stock Price" field may be used to discriminate and/or filter out indicator reports for securities with prices that are below a particular value. For example, setting the Minimum Stock Price to 10, as shown in Figure 5, would filter out indicator reports for securities with a price lower than 10. Similarly, a "Maximum Stock Price" field may be used to discriminate and/or filter out indicator reports for securities with prices that are above a particular value. For example, setting the Maximum Stock Price to 150, as shown in Figure 5, would filter out indicator reports for securities with a price higher than 150. A trader may use both the Minimum Stock Price and Maximum Stock Price fields to selectively capture a particular range of prices for which the trader desires the indicator reported. In one embodiment, a "Minimum 3 Day Average" field may be used to discriminate and/or filter out indicator reports for securities with three day average volumes less than a particular number. For example, setting the Minimum 3 Day Average to 25,000, as shown in Figure 5, would filter out indicator reports for securities with 3 day average volumes that are less than 25,000. A trader may configure the "Minimum 3 Day Average" field to reflect the volume below which the trader thinks the trade volume is too light to accurately or meaningfully reflect any trend of interest to that trader.

In one embodiment, particular securities "Exchanges" may be selected for inclusion of securities traded on the selected exchanges in the indicator reporting windows. In one embodiment, a push-button in the preferences

window may open another pop-up window, the Exchanges pop-up window may list securities exchanges that may be selected or deselected by the trader. Typically, if an exchange is selected, the trader is indicating that the trader would like to see indicator reports for securities traded on the selected exchanges.

In one embodiment, the indicator reports may be configured to scroll downwards or scroll upwards, depending on the setting of the two radio push-buttons shown in Figure 5 with these captions: "Scroll Down" and "Scroll Up". Radio push-buttons usually appear in graphical user interfaces when the choices available to a user are mutually exclusive. In other words, radio push-buttons appear in groups of at least two, and the user must choose only one of the radio push-buttons available. Generally, if a user attempts to choose a second radio push-button, the selection of the first radio push-button is removed, thereby leaving a single choice made by the user. As shown in Figure 5, the "Scroll Down" radio push-button is selected as the default choice (i.e., if the trader does not specify otherwise, the "Scroll Down" choice is chosen for the trader).

As shown in Figure 5, a checkbox labeled "Edit Symbols" may be used for the trader to configure a list of securities for which trader-selected indicator reports may be desired. In one embodiment, when the trader selects the checkbox a pop-up window may be opened. The "Edit Symbols" pop-up window may display entry fields for the trader to enter new securities symbols and/or the "Edit Symbols" pop-up window may display the current list of securities symbols previously chosen by the trader. The trader may add a security to the list by entering the security symbol in the entry field or remove a security from the list by selecting the security to be deleted. In one embodiment, the list may be used to filter out indicator reports for the particular securities symbols in the list. Alternatively, in another embodiment, the list may be used to display indicator reports for the particular securities symbols in the list.

Also shown in Figure 5, a checkbox labeled "Log Messages" may be used for the trader to indicate a desire to have the indicator reports logged. Reasons to log the indicator reports include: future analysis and backup. The logging may include writing the indicator reports to a file and/or a database. In one embodiment, when the trader selects the checkbox a pop-up window may be opened. The "Log Messages" pop-up window may display entry fields for the trader to enter a file name and/or database information. In one embodiment, a default file name may be used (i.e., no entry for a file name may be required of the trader).

In one embodiment, an "OK" push-button may be selected to exit the preferences window and apply the preferences settings as configured in the window by the trader. Similarly, a "Cancel" push-button may be selected to exit the preferences window without applying the changes made to the preferences settings by the trader (i.e., the preferences settings remain as they were before the preferences window was entered).

In one embodiment, a "Set Font" push-button may be selected. Selecting the "Set Font" push-button may open a "Set Font" pop-up window where particular fonts may be selected from a list of fonts that may be available.

In one embodiment, an "Apply" push-button may be selected to apply the preferences settings as configured in the window by the trader without exiting the preferences window. Thus, the "Apply" push-button has similar functionality as the "OK" push-button, with the one difference being that the preferences window remains open, for the trader to make additional changes, as desired.

Figure 6: Show/Hide Columns Window

The "Show/Hide Columns" pop-up window may appear when a trader selects the "Show/Hide Columns" option, as noted in Figure 4, according to one embodiment.

Figure 6 illustrates the columns available for display (i.e., "Show") for indicator reports, according to one embodiment. If the trader wishes to not display certain columns (i.e., "Hide" those columns), the "Show/Hide Columns" pop-up window is where that choice is registered. As shown in Figure 6, the following columns may be toggled on or off (i.e., "Show" or "Hide"): "Time," "Symbol," "Occurrences," "Price," and "Text." Additional columns may be added, and columns may be deleted, from time to time. For each column, a default setting may be present (e.g., "S" for "Show", "H" for "Hide"). The trader may switch the current setting for a particular column by selecting either the "Show" push-button (i.e., if the current setting is "Hide") or by selecting the "Hide" push-button (i.e., if the current setting is "Show").

In one embodiment, an "OK" push-button may be selected to exit the Show/Hide Columns window and apply the column settings as configured in the window by the trader. Similarly, a "Cancel" push-button may be selected to exit the Show/Hide Columns window without applying the changes made to the column settings by the trader (i.e., the column settings remain as they were before the Show/Hide Columns window was entered).

In one embodiment, an "Apply" push-button may be selected to apply the column settings as configured in the window by the trader without exiting the Show/Hide Columns window. Thus, the "Apply" push-button has similar functionality as the "OK" push-button, with the one difference being that the Show/Hide Columns window remains open, for the trader to make additional changes, as desired.

Each of the columns listed in the Show/Hide Columns window refer to information that may be displayed ("Show") or suppressed ("Hide") when a particular indicator occurs for a particular security. The Time column may display the time at which the particular indicator occurs for a particular security. The Symbol column may display the security symbol for which the particular indicator occurs. The Occurrences column may display the number of occurrences of the particular indicator for the particular security symbol for the current trading session. In some embodiments, occurrences may also be referred to as repeated occurrences (i.e., the first occurrence of an indicator may be listed as occurrence "0", and each subsequent occurrence of the same indicator in the same trading session may increase the "occurrences" count by 1). The Price column may display the current price of the particular security for which the particular indicator occurs. The Text column may display a description of the particular indicator, including time designation modifiers where appropriate (e.g., a time designation ("4 Day") for a "New High": "New 4 Day High").

For example, if a trader has chosen to "Show" the Time, Symbol, Price, and Text columns, and to "Hide" the Occurrences column, indicators such as those shown in Figure 4 would result. As shown in Figure 4, a "New High" indicator occurred for Decode Genetics Incorporated (security symbol "DCGN") at 13:07:30 at price 24 5/16. The line from the Eyes window is shown in Figure 4 as: "13:07:30 DCGN 24 5/16 NEW HIGH". Although not shown in Figure 6, the Show/Hide Columns window may, in one embodiment, allow the trader to rearrange the order of the columns (i.e., rather than the columns be listed in the order: Time, Symbol, Price, Text, any other order may be chosen by the trader, for example: Text, Symbol, Price, Time). Additionally, although not shown in Figure 6, the Show/Hide Columns window may, in one embodiment, allow the trader to adjust the "case" of the text (e.g., Sentence case., lowercase, UPPERCASE, Title Case, tOGGLE cASE, among others).

Figure 7: Layouts Setup Window

The "Layouts Setup" pop-up window may appear when a trader selects either the "Save Window Layout" option or the "Open Windows Layout" option, as noted in Figure 4, according to one embodiment.

Figure 7 illustrates one embodiment of a "Layouts Setup" pop-up window that may enable a trader to save a window layout. In one embodiment, an area of the "Layouts Setup" pop-up window may provide a list of layouts or configurations that already exist under particular names (e.g., Exchange, Eyes1, Financial, Studies, as shown in Figure 7). As shown in Figure 7, the area providing a list of layouts is labeled "Layouts". In one embodiment, when the "Layouts Setup" pop-up window is entered for the purposes of saving a new window layout, an entry field may be enabled. The trader may enter a layout name of the trader's choice in the entry field. As shown in Figure 7, the "Save As" push-button may be enabled when the entry field is modified and/or highlighted.

In one embodiment, a "Cancel" push-button may enable a trader to exit the "Layouts Setup" pop-up window without saving any changes made in the "Layouts Setup" pop-up window. In one embodiment, a "Save" push-button may be enabled when a particular layout name is selected from the list of existing layout names in the "Layouts" area of the "Layouts Setup" pop-up window. In one embodiment, a "Delete" push-button may be enabled when a particular layout configuration in the list of existing layout names in the "Layouts" area of the "Layouts Setup" pop-up window has been selected.

In one embodiment of a "Layouts Setup" pop-up window that may enable a trader to open a window layout, the "Save" push-button may be replaced by an "Open" push-button. In one embodiment, an area of the "Layouts Setup" pop-up window may provide a list of layouts or configurations that already exist under particular names (e.g., Exchange, Eyes1, Financial, Studies, as shown in Figure 7). The "Open" push-button may be enabled when one of the layouts is selected. Upon subsequently selecting the "Open" push-button, the selected layout may then be loaded and/or restored.

In one embodiment, the title bar of the preferences window may be updated to reflect the selected and/or newly saved layout name. Thus, meaningful window layout names enable a trader to distinguish between various layout configurations and to quickly determine under which layout name the information is being provided. Refer to Figures 9(a) - 9(d) for further discussion of multiple instances and configuration settings.

Figure 8: Single Instance of an "Eyes" Window with Multiple Indicators Selected

Figure 8 illustrates one embodiment of the "Eyes" window displaying the five columns of information available to a trader, as shown in the Show/Hide Columns pop-up window described in Figure 6. For example, there are two entries for the timestamp 12:59:37, as follows: Symbol: SDC; Occurrences: 15; Price: 39; Text: NEW HIGH ASK; and Symbol: PAX; Occurrences: 0; Price: 12 5/8; Text: Locked UP. As noted in this example, the first occurrence of an indicator causes the "Occurrences" field to be set to zero, each subsequent occurrence increases the "Occurrences" count by 1, therefore, the NEW HIGH for security symbol SDC is shown as the 15th occurrence, meaning it is actually the 16th NEW HIGH for the current trading session. Similarly, the "Locked UP" condition noted for security symbol PAX is shown as the 0th occurrence, meaning it is actually the 1st Locked UP condition for the current trading session.

All of the indicators shown in Figure 5 had been selected prior to capturing the data in Figure 8, including: "New Highs," "New High Ask," "Highs Most Active," "52 Week Highs," "New Lows," "New Low Bid," "Lows Most Active," "52 Week Lows," "Locked Up," "Locked Down," "Crossed Up," "Crossed Down," "Whiplash," "Whiplash Down," "Breakout," "Breakdown," "Narrowing Spread," "Trading Above," "Trading Below," "Volume Move Up," and "Volume Move Down" indicators. The text that is displayed in Figure 8 may sometimes be more descriptive than the name of the indicator. For example, there are two "Trading Below" entries in Figure 8, the first

"Trading Below" entry was recorded at 12:59:41 and includes the text: "Trading Below new low" for security symbol STN; the second "Trading Below" entry was recorded at 12:59:43 and includes the text: "Trading Below new 4 day low" for security symbol MDEA. Another example shown in Figure 8: there are two "Narrowing Spread" entries, the first "Narrowing Spread" entry was recorded at 12:59:19 and includes the text: "Narrowing Spread Bid inc." (i.e., inc. represents the word "increasing") for security symbol MCDT; the second "Narrowing Spread" entry was recorded at 12:59:23 and includes the text: "Narrowing Spread Ask dec." (i.e., dec. represents the word "decreasing") for security symbol SIMG.

Figure 9(a) - 9(d): Multiple Instances of "Eyes" Windows

Figures 9(a) and 9(b) illustrate two concurrent instances of "Eyes" windows configured differently, according to one embodiment. The instance shown in Figure 9(a) is configured to report negative indicators, such as "New Low", and the Figure 9(a) instance window layout (as reflected in the title bar of the window) is appropriately named "Eyes Financial negative". Conversely, the instance shown in Figure 9(b) is configured to report positive indicators, such as "New High", and the Figure 9(b) instance window layout (as reflected in the title bar of the window) is appropriately named "Eyes Financial positive". Multiple "Eyes" instances such as Figures 9(a) and 9(b) may enable traders to discriminate and filter information more quickly and efficiently than a single "Eyes" instance. Further, saving the filtered information in separate logs may allow a trader to spot trends and/or make buy/sell decisions more quickly when reviewing the separate logs than if all the information was saved to a single log file.

Figure 9(c) illustrates the configuration or preference settings of Figure 9(a). Similarly, Figure 9(d) illustrates the configuration or preference settings of Figure 9(b). For both Figures 9(c) and 9(d), the "Minimum Stock Price" is set to 10, the "Maximum Stock Price" is set to 150, the "Minimum 3 Day Average" is set to 25,000, and the data is set to "Scroll Down". The negative indicators selected (i.e., checkmarks preceding the selected indicators) in Figure 9(c) include: "New Highs," "New High Ask," "Highs Most Active," "52 Week Highs," "Locked Up," "Crossed Up," "Whiplash," "Breakout," "Trading Above," and "Volume Move Up". The positive indicators selected (i.e., checkmarks preceding the selected indicators) in Figure 9(d) include: "New Lows," "New Low Bid," "Lows Most Active," "52 Week Lows," "Locked Down," "Crossed Down," "Whiplash Down," "Breakdown," "Trading Below," and "Volume Move Down".

In one embodiment, more than two instances may be used concurrently. In one embodiment, instances may be configured to each display information regarding securities in different sectors (i.e., banking, retail, technology).

Figure 10: Eyes Preferences Window: a second embodiment

The "Eyes Preferences" pop-up window may appear when a trader selects the "Set Preferences" option, as noted in Figure 4 according to one embodiment.

Figure 10 illustrates configuration options or indicators, according to one embodiment. The indicators shown in the embodiment of Figure 5 are also shown in Figure 10. Additionally, the following indicators also appear in Figure 10: "Consolidation," "Channel Breakout," "Channel Breakdown," "Up Trend," "Down Trend". Indicators may be added and/or deleted as the need and/or availability occurs.

In one embodiment, selected indicators for display on the trader's computer system may be marked with a check in the appropriate box next to the text of the name of the indicator. As shown in Figure 10, the following indicators are marked with a check: "Highs Most Active," "52 Week Highs," "Lows Most Active," "52 Week Lows," "Whiplash," "Break Out," "Break Down," "Volume Move Up," "Volume Move Down," "Consolidation," "Up Trend," and "Down Trend." In one embodiment, a trader may use multiple instances of the "Eyes Preferences" pop-up window, using various strategies for sorting the checkmarks among the multiple instances of the "Eyes Preferences" pop-up window. For example, a trader may use two instances of the "Eyes Preferences" pop-up window: the first instance having checkmarks for the positive indicators, and the second instance having checkmarks for the negative indicators. This example is illustrated in Figures 9(a) - 9(d).

The description under Figure 5 concerning text color, background color, and sound for each indicator also applies to the embodiment in Figure 10. The description under Figure 5 concerning the fields: "Minimum Stock Price", "Maximum Stock Price", and "Minimum 3 Day Average" also applies to the embodiment in Figure 10. The description under Figure 5 concerning the "Exchanges" push-button also applies to the embodiment in Figure 10. The description regarding scrolling under Figure 5 also applies to the embodiment in Figure 10. The description regarding the checkboxes "Edit Symbols" and "Log Messages" under Figure 5 also applies to the embodiment in Figure 10. The description under Figure 5 concerning the "OK", "Cancel", "Set Font", and "Apply" push-buttons also applies to the embodiment in Figure 10.

Two fields that are shown in the embodiment of Figure 10 do not appear in the embodiment of Figure 5, namely: a "Maximum Bid/Ask Spread" field and a "Minimum Consolidation Time" field. In one embodiment, a "Maximum Bid/Ask Spread" field may be used to discriminate and/or filter out indicator reports for securities with a spread (i.e., the difference between the ask price and the bid price) that is greater than a particular value. For example, setting the Maximum Bid/Ask Spread to 1/2, as shown in Figure 10, would filter out indicator reports for securities with a spread greater than 1/2. In one embodiment, a "Minimum Consolidation Time" field may be used to discriminate and/or filter out indicator reports for securities which have been consolidating for a particular period of time, typically the time measurement is in minutes. For example, setting the Minimum Consolidation Time to 200 (minutes), as shown in Figure 10, would filter out indicator reports for securities which have been consolidating for 200 or less minutes.

Figure 11: Displaying information about securities

Figure 11 is a flowchart illustrating a method of displaying information about securities in real-time and monitoring indicators of securities in real-time, according to one embodiment.

In step 1101, user configuration data may be received for a particular indicator for at least one security. Examples of types of user configuration data that may be received include indicators (e.g., "New High Ask," "Highs Most Active," "52 Week Highs," "New Low Bid," "Lows Most Active," "52 Week Lows," "Whiplash Down," "Breakdown," "Volume Move Up," "Volume Move Down," "Volume Spike", "Consolidation," "Channel Breakout," "Channel Breakdown," "Up Trend," "Down Trend," "Thirty Minute Breakout," and "Thirty Minute Breakdown"), a list of securities, a list of securities exchanges (NYSE, AMEX, or NASDAQ), a background color, a text color, a "Minimum Stock Price," a "Maximum Stock Price," a "Maximum Bid/Ask Spread," a "Minimum Consolidation Time," a "Minimum X Day Average Volume", where X is a number ranging from 1 to 365, and a text font.

In step 1102, prices of at least one such security may be automatically monitored to determine if the particular indicator (e.g., from the list shown in step 1101, or possibly other indicators) has occurred for at least one such security.

In step 1103, information may be automatically displayed indicating that the particular indicator (e.g., from the list shown in step 1101, or possibly other indicators) has occurred for at least one such security.

Various embodiments further include receiving or storing instructions and/or data implemented in accordance with the foregoing description upon a carrier medium. Suitable carrier media include storage media or memory media such as magnetic or optical media, e.g., disk or CD-ROM, as well as signals such as electrical, electromagnetic, or digital signals, conveyed via a communication medium such as networks 102 and/or 104 and/or a wireless link.

Although the system and method of the present invention have been described in connection with several embodiments, the invention is not intended to be limited to the specific forms set forth herein, but on the contrary, it is intended to cover such alternatives, modifications, and equivalents as can be reasonably included within the spirit and scope of the invention as defined by the appended claims.

What is claimed:

1. A method of displaying information about securities, the method comprising:
receiving user configuration data into a first computer system, wherein the user configuration data configures the first computer system or a second computer system to provide information indicating when a New High Ask occurs for at least one security;
automatically monitoring prices of at least one security to determine if a New High Ask has occurred for at least one such security;
when a New High Ask has occurred for at least one such security, automatically displaying information to the user indicating that a New High Ask has occurred for at least one such security.
2. The method of claim 1 wherein the automatic display of information to the user is done in real-time.
3. The method of claim 1 wherein the automatic display of information to the user is done within thirty minutes of a security price change.
4. The method of claim 1 wherein the automatic monitoring of prices of at least one security is done in real-time.
5. The method of claim 1 wherein the automatic monitoring of prices of at least one security is done within thirty minutes of a security price change.
6. The method of claim 1 further comprising calculating the New High Ask indicator value for at least one such security.
7. The method of claim 6 wherein the calculating comprises utilizing trade prices for at least one such security.
8. The method of claim 7 wherein the trade prices further comprise opening prices and closing prices for at least one such security.
9. The method of claim 8 wherein the calculating comprises utilizing bid prices or ask prices for at least one such security.
10. The method of claim 1 wherein the first computer system and the second computer system are coupled to a computer network.
11. The method of claim 10, wherein the computer network comprises the Internet.

12. The method of claim 1 wherein the user configuration data further comprises a list of securities.

13. The method of claim 1 wherein the user configuration data further comprises a list of securities exchanges.

14. The method of claim 13 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.

15. The method of claim 1 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.

16. The method of claim 1 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.

17. The method of claim 1 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.

18. The method of claim 17 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.

19. The method of claim 1 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.

20. The method of claim 1 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.

21. The method of claim 20 wherein the directional scrolling is to scroll down.

22. The method of claim 20 wherein the directional scrolling is to scroll up.

23. The method of claim 20 wherein the directional scrolling is to remain static.

24. A method of displaying information about securities, the method comprising:
receiving user configuration data into a first computer system, wherein the user configuration data configures the first computer system or a second computer system to provide information indicating when a High Most Active occurs for at least one security;
automatically monitoring prices of at least one security to determine if a High Most Active has occurred for at least one such security;

when a High Most Active has occurred for at least one such security, automatically displaying information to the user indicating that a High Most Active has occurred for at least one such security.

25. The method of claim 24 wherein the automatic display of information to the user is done in real-time.
26. The method of claim 24 wherein the automatic display of information to the user is done within thirty minutes of a security price change.
27. The method of claim 24 wherein the automatic monitoring of prices of at least one security is done in real-time.
28. The method of claim 24 wherein the automatic monitoring of prices of at least one security is done within thirty minutes of a security price change.
29. The method of claim 24 further comprising calculating the High Most Active indicator value for at least one such security.
30. The method of claim 29 wherein the calculating comprises utilizing trade prices for at least one such security.
31. The method of claim 30 wherein the trade prices further comprise opening prices and closing prices for at least one such security.
32. The method of claim 31 wherein the calculating comprises utilizing bid prices or ask prices for at least one such security.
33. The method of claim 24 wherein the first computer system and the second computer system are coupled to a computer network.
34. The method of claim 33, wherein the computer network comprises the Internet.
35. The method of claim 24 wherein the user configuration data further comprises a list of securities.
36. The method of claim 24 wherein the user configuration data further comprises a list of securities exchanges.
37. The method of claim 36 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.

38. The method of claim 24 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.
39. The method of claim 24 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.
40. The method of claim 24 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.
41. The method of claim 40 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.
42. The method of claim 24 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.
43. The method of claim 24 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.
44. The method of claim 43 wherein the directional scrolling is to scroll down.
45. The method of claim 43 wherein the directional scrolling is to scroll up.
46. The method of claim 43 wherein the directional scrolling is to remain static.
47. A method of displaying information about securities, the method comprising:
receiving user configuration data into a first computer system, wherein the user configuration data configures the first computer system or a second computer system to provide information indicating when a Y Week High occurs for at least one security, wherein Y is a number ranging from 1 to 52;
automatically monitoring prices of at least one security to determine if a Y Week High has occurred for at least one such security;
when a Y Week High has occurred for at least one such security, automatically displaying information to the user indicating that a Y Week High has occurred for at least one such security.
48. The method of claim 47 wherein the automatic display of information to the user is done in real-time.
49. The method of claim 47 wherein the automatic display of information to the user is done within thirty minutes of a security price change.

50. The method of claim 47 wherein the automatic monitoring of prices of at least one security is done in real-time.
51. The method of claim 47 wherein the automatic monitoring of prices of at least one security is done within thirty minutes of a security price change.
52. The method of claim 47 further comprising calculating the Y Week High indicator value for at least one such security.
53. The method of claim 52 wherein the calculating comprises utilizing trade prices for at least one such security.
54. The method of claim 53 wherein the trade prices further comprise opening prices and closing prices for at least one such security.
55. The method of claim 54 wherein the calculating comprises utilizing bid prices or ask prices for at least one such security.
56. The method of claim 47 wherein the first computer system and the second computer system are coupled to a computer network.
57. The method of claim 56, wherein the computer network comprises the Internet.
58. The method of claim 47 wherein the user configuration data further comprises a list of securities.
59. The method of claim 47 wherein the user configuration data further comprises a list of securities exchanges.
60. The method of claim 59 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.
61. The method of claim 47 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.
62. The method of claim 47 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.
63. The method of claim 47 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.

64. The method of claim 63 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.
65. The method of claim 47 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.
66. The method of claim 47 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.
67. The method of claim 66 wherein the directional scrolling is to scroll down.
68. The method of claim 66 wherein the directional scrolling is to scroll up.
69. The method of claim 66 wherein the directional scrolling is to remain static.
70. A method of displaying information about securities, the method comprising:
receiving user configuration data into a first computer system, wherein the user configuration data configures the first computer system or a second computer system to provide information indicating when a New Low Bid occurs for at least one security;
automatically monitoring prices of at least one security to determine if a New Low Bid has occurred for at least one such security;
when a New Low Bid has occurred for at least one such security, automatically displaying information to the user indicating that a New Low Bid has occurred for at least one such security.
71. The method of claim 70 wherein the automatic display of information to the user is done in real-time.
72. The method of claim 70 wherein the automatic display of information to the user is done within thirty minutes of a security price change.
73. The method of claim 70 wherein the automatic monitoring of prices of at least one security is done in real-time.
74. The method of claim 70 wherein the automatic monitoring of prices of at least one security is done within thirty minutes of a security price change.
75. The method of claim 70 further comprising calculating the New Low Bid indicator value for at least one such security.

76. The method of claim 75 wherein the calculating comprises utilizing trade prices for at least one such security.
77. The method of claim 76 wherein the trade prices further comprise opening prices and closing prices for at least one such security.
78. The method of claim 77 wherein the calculating comprises utilizing bid prices or ask prices for at least one such security.
79. The method of claim 70 wherein the first computer system and the second computer system are coupled to a computer network.
80. The method of claim 79, wherein the computer network comprises the Internet.
81. The method of claim 70 wherein the user configuration data further comprises a list of securities.
82. The method of claim 70 wherein the user configuration data further comprises a list of securities exchanges.
83. The method of claim 82 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.
84. The method of claim 70 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.
85. The method of claim 70 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.
86. The method of claim 70 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.
87. The method of claim 86 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.
88. The method of claim 70 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.

89. The method of claim 70 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.
90. The method of claim 89 wherein the directional scrolling is to scroll down.
91. The method of claim 89 wherein the directional scrolling is to scroll up.
92. The method of claim 89 wherein the directional scrolling is to remain static.
93. A method of displaying information about securities, the method comprising:
receiving user configuration data into a first computer system, wherein the user configuration data configures the first computer system or a second computer system to provide information indicating when a Low Most Active occurs for at least one security;
automatically monitoring prices of at least one security to determine if a Low Most Active has occurred for at least one such security;
when a Low Most Active has occurred for at least one such security, automatically displaying information to the user indicating that a Low Most Active has occurred for at least one such security.
94. The method of claim 93 wherein the automatic display of information to the user is done in real-time.
95. The method of claim 93 wherein the automatic display of information to the user is done within thirty minutes of a security price change.
96. The method of claim 93 wherein the automatic monitoring of prices of at least one security is done in real-time.
97. The method of claim 93 wherein the automatic monitoring of prices of at least one security is done within thirty minutes of a security price change.
98. The method of claim 93 further comprising calculating the Low Most Active indicator value for at least one such security.
99. The method of claim 98 wherein the calculating comprises utilizing trade prices for at least one such security.
100. The method of claim 99 wherein the trade prices further comprise opening prices and closing prices for at least one such security.

101. The method of claim 100 wherein the calculating comprises utilizing bid prices or ask prices for at least one such security.
102. The method of claim 93 wherein the first computer system and the second computer system are coupled to a computer network.
103. The method of claim 102, wherein the computer network comprises the Internet.
104. The method of claim 93 wherein the user configuration data further comprises a list of securities.
105. The method of claim 93 wherein the user configuration data further comprises a list of securities exchanges.
106. The method of claim 105 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.
107. The method of claim 93 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.
108. The method of claim 93 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.
109. The method of claim 93 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.
110. The method of claim 109 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.
111. The method of claim 93 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.
112. The method of claim 93 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.
113. The method of claim 112 wherein the directional scrolling is to scroll down.
114. The method of claim 112 wherein the directional scrolling is to scroll up.

115. The method of claim 112 wherein the directional scrolling is to remain static.
116. A method of displaying information about securities, the method comprising:
receiving user configuration data into a first computer system, wherein the user configuration data configures the first computer system or a second computer system to provide information indicating when a Y Week Low occurs for at least one security, wherein Y is a number ranging from 1 to 52;
automatically monitoring prices of at least one security to determine if a Y Week Low has occurred for at least one such security;
when a Y Week Low has occurred for at least one such security, automatically displaying information to the user indicating that a Y Week Low has occurred for at least one such security.
117. The method of claim 116 wherein the automatic display of information to the user is done in real-time.
118. The method of claim 116 wherein the automatic display of information to the user is done within thirty minutes of a security price change.
119. The method of claim 116 wherein the automatic monitoring of prices of at least one security is done in real-time.
120. The method of claim 116 wherein the automatic monitoring of prices of at least one security is done within thirty minutes of a security price change.
121. The method of claim 116 further comprising calculating the Y Week Low indicator value for at least one such security.
122. The method of claim 121 wherein the calculating comprises utilizing trade prices for at least one such security.
123. The method of claim 122 wherein the trade prices further comprise opening prices and closing prices for at least one such security.
124. The method of claim 123 wherein the calculating comprises utilizing bid prices or ask prices for at least one such security.
125. The method of claim 116 wherein the first computer system and the second computer system are coupled to a computer network.
126. The method of claim 125, wherein the computer network comprises the Internet.

127. The method of claim 116 wherein the user configuration data further comprises a list of securities.
128. The method of claim 116 wherein the user configuration data further comprises a list of securities exchanges.
129. The method of claim 128 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.
130. The method of claim 116 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.
131. The method of claim 116 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.
132. The method of claim 116 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.
133. The method of claim 132 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.
134. The method of claim 116 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.
135. The method of claim 116 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.
136. The method of claim 135 wherein the directional scrolling is to scroll down.
137. The method of claim 135 wherein the directional scrolling is to scroll up.
138. The method of claim 135 wherein the directional scrolling is to remain static.
139. A method of displaying information about securities, the method comprising:
receiving user configuration data into a first computer system, wherein the user configuration data configures the first computer system or a second computer system to provide information indicating when a Whiplash Down occurs for at least one security;
automatically monitoring prices of at least one security to determine if a Whiplash Down has occurred for at least one such security;

when a Whiplash Down has occurred for at least one such security, automatically displaying information to the user indicating that a Whiplash Down has occurred for at least one such security.

140. The method of claim 139 wherein the automatic display of information to the user is done in real-time.

141. The method of claim 139 wherein the automatic display of information to the user is done within thirty minutes of a security price change.

142. The method of claim 139 wherein the automatic monitoring of prices of at least one security is done in real-time.

143. The method of claim 139 wherein the automatic monitoring of prices of at least one security is done within thirty minutes of a security price change.

144. The method of claim 139 further comprising calculating the Whiplash Down indicator value for at least one such security.

145. The method of claim 144 wherein the calculating comprises utilizing trade prices for at least one such security.

146. The method of claim 145 wherein the trade prices further comprise opening prices and closing prices for at least one such security.

147. The method of claim 146 wherein the calculating comprises utilizing bid prices or ask prices for at least one such security.

148. The method of claim 139 wherein the first computer system and the second computer system are coupled to a computer network.

149. The method of claim 148, wherein the computer network comprises the Internet.

150. The method of claim 139 wherein the user configuration data further comprises a list of securities.

151. The method of claim 139 wherein the user configuration data further comprises a list of securities exchanges.

152. The method of claim 151 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.

153. The method of claim 139 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.
154. The method of claim 139 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.
155. The method of claim 139 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.
156. The method of claim 155 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.
157. The method of claim 139 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.
158. The method of claim 139 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.
159. The method of claim 158 wherein the directional scrolling is to scroll down.
160. The method of claim 158 wherein the directional scrolling is to scroll up.
161. The method of claim 158 wherein the directional scrolling is to remain static.
162. A method of displaying information about securities, the method comprising:
receiving user configuration data into a first computer system, wherein the user configuration data configures the first computer system or a second computer system to provide information indicating when a Breakdown occurs for at least one security;
automatically monitoring prices of at least one security to determine if a Breakdown has occurred for at least one such security;
when a Breakdown has occurred for at least one such security, automatically displaying information to the user indicating that a Breakdown has occurred for at least one such security.
163. The method of claim 162 wherein the automatic display of information to the user is done in real-time.
164. The method of claim 162 wherein the automatic display of information to the user is done within thirty minutes of a security price change.

165. The method of claim 162 wherein the automatic monitoring of prices of at least one security is done in real-time.
166. The method of claim 162 wherein the automatic monitoring of prices of at least one security is done within thirty minutes of a security price change.
167. The method of claim 162 further comprising calculating the Breakdown indicator value for at least one such security.
168. The method of claim 167 wherein the calculating comprises utilizing trade prices for at least one such security.
169. The method of claim 168 wherein the trade prices further comprise opening prices and closing prices for at least one such security.
170. The method of claim 169 wherein the calculating comprises utilizing bid prices or ask prices for at least one such security.
171. The method of claim 162 wherein the first computer system and the second computer system are coupled to a computer network.
172. The method of claim 171, wherein the computer network comprises the Internet.
173. The method of claim 162 wherein the user configuration data further comprises a list of securities.
174. The method of claim 162 wherein the user configuration data further comprises a list of securities exchanges.
175. The method of claim 174 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.
176. The method of claim 162 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.
177. The method of claim 162 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.
178. The method of claim 162 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.

179. The method of claim 178 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.
180. The method of claim 162 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.
181. The method of claim 162 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.
182. The method of claim 181 wherein the directional scrolling is to scroll down.
183. The method of claim 181 wherein the directional scrolling is to scroll up.
184. The method of claim 181 wherein the directional scrolling is to remain static.
185. A method of displaying information about securities, the method comprising:
receiving user configuration data into a first computer system, wherein the user configuration data configures the first computer system or a second computer system to provide information indicating when a Volume Move Up occurs for at least one security;
automatically monitoring prices of at least one security to determine if a Volume Move Up has occurred for at least one such security;
when a Volume Move Up has occurred for at least one such security, automatically displaying information to the user indicating that a Volume Move Up has occurred for at least one such security.
186. The method of claim 185 wherein the automatic display of information to the user is done in real-time.
187. The method of claim 185 wherein the automatic display of information to the user is done within thirty minutes of a security price change.
188. The method of claim 185 wherein the automatic monitoring of prices of at least one security is done in real-time.
189. The method of claim 185 wherein the automatic monitoring of prices of at least one security is done within thirty minutes of a security price change.
190. The method of claim 185 further comprising calculating the Volume Move Up indicator value for at least one such security.

191. The method of claim 190 wherein the calculating comprises utilizing trade prices for at least one such security.

192. The method of claim 191 wherein the trade prices further comprise opening prices and closing prices for at least one such security.

193. The method of claim 192 wherein the calculating comprises utilizing bid prices or ask prices for at least one such security.

194. The method of claim 185 wherein the first computer system and the second computer system are coupled to a computer network.

195. The method of claim 194, wherein the computer network comprises the Internet.

196. The method of claim 185 wherein the user configuration data further comprises a list of securities.

197. The method of claim 185 wherein the user configuration data further comprises a list of securities exchanges.

198. The method of claim 197 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.

199. The method of claim 185 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.

200. The method of claim 185 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.

201. The method of claim 185 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.

202. The method of claim 201 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.

203. The method of claim 185 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.

204. The method of claim 185 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.
205. The method of claim 204 wherein the directional scrolling is to scroll down.
206. The method of claim 204 wherein the directional scrolling is to scroll up.
207. The method of claim 204 wherein the directional scrolling is to remain static.
208. A method of displaying information about securities, the method comprising:
receiving user configuration data into a first computer system, wherein the user configuration data configures the first computer system or a second computer system to provide information indicating when a Volume Move Down occurs for at least one security;
automatically monitoring prices of at least one security to determine if a Volume Move Down has occurred for at least one such security;
when a Volume Move Down has occurred for at least one such security, automatically displaying information to the user indicating that a Volume Move Down has occurred for at least one such security.
209. The method of claim 208 wherein the automatic display of information to the user is done in real-time.
210. The method of claim 208 wherein the automatic display of information to the user is done within thirty minutes of a security price change.
211. The method of claim 208 wherein the automatic monitoring of prices of at least one security is done in real-time.
212. The method of claim 208 wherein the automatic monitoring of prices of at least one security is done within thirty minutes of a security price change.
213. The method of claim 208 further comprising calculating the Volume Move Down indicator value for at least one such security.
214. The method of claim 213 wherein the calculating comprises utilizing trade prices for at least one such security.
215. The method of claim 214 wherein the trade prices further comprise opening prices and closing prices for at least one such security.

216. The method of claim 215 wherein the calculating comprises utilizing bid prices or ask prices for at least one such security.
217. The method of claim 208 wherein the first computer system and the second computer system are coupled to a computer network.
218. The method of claim 217, wherein the computer network comprises the Internet.
219. The method of claim 208 wherein the user configuration data further comprises a list of securities.
220. The method of claim 208 wherein the user configuration data further comprises a list of securities exchanges.
221. The method of claim 220 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.
222. The method of claim 208 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.
223. The method of claim 208 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.
224. The method of claim 208 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.
225. The method of claim 224 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.
226. The method of claim 208 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.
227. The method of claim 208 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.
228. The method of claim 227 wherein the directional scrolling is to scroll down.
229. The method of claim 227 wherein the directional scrolling is to scroll up.

230. The method of claim 227 wherein the directional scrolling is to remain static.
231. A method of displaying information about securities, the method comprising:
receiving user configuration data into a first computer system, wherein the user configuration data configures the first computer system or a second computer system to provide information indicating when a Volume Spike occurs for at least one security;
automatically monitoring prices of at least one security to determine if a Volume Spike has occurred for at least one such security;
when a Volume Spike has occurred for at least one such security, automatically displaying information to the user indicating that a Volume Spike has occurred for at least one such security.
232. The method of claim 231 wherein the automatic display of information to the user is done in real-time.
233. The method of claim 231 wherein the automatic display of information to the user is done within thirty minutes of a security price change.
234. The method of claim 231 wherein the automatic monitoring of prices of at least one security is done in real-time.
235. The method of claim 231 wherein the automatic monitoring of prices of at least one security is done within thirty minutes of a security price change.
236. The method of claim 231 further comprising calculating the Volume Spike indicator value for at least one such security.
237. The method of claim 236 wherein the calculating comprises utilizing trade prices for at least one such security.
238. The method of claim 237 wherein the trade prices further comprise opening prices and closing prices for at least one such security.
239. The method of claim 238 wherein the calculating comprises utilizing bid prices or ask prices for at least one such security.
240. The method of claim 231 wherein the first computer system and the second computer system are coupled to a computer network.
241. The method of claim 240, wherein the computer network comprises the Internet.

242. The method of claim 231 wherein the user configuration data further comprises a list of securities.
243. The method of claim 231 wherein the user configuration data further comprises a list of securities exchanges.
244. The method of claim 243 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.
245. The method of claim 231 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.
246. The method of claim 231 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.
247. The method of claim 231 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.
248. The method of claim 247 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.
249. The method of claim 231 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.
250. The method of claim 231 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.
251. The method of claim 250 wherein the directional scrolling is to scroll down.
252. The method of claim 250 wherein the directional scrolling is to scroll up.
253. The method of claim 250 wherein the directional scrolling is to remain static.
254. A method of displaying information about securities, the method comprising:
receiving user configuration data into a first computer system, wherein the user configuration data configures the first computer system or a second computer system to provide information indicating when a Consolidation occurs for at least one security;
automatically monitoring prices of at least one security to determine if a Consolidation has occurred for at least one such security;

when a Consolidation has occurred for at least one such security, automatically displaying information to the user indicating that a Consolidation has occurred for at least one such security.

255. The method of claim 254 wherein the automatic display of information to the user is done in real-time.
256. The method of claim 254 wherein the automatic display of information to the user is done within thirty minutes of a security price change.
257. The method of claim 254 wherein the automatic monitoring of prices of at least one security is done in real-time.
258. The method of claim 254 wherein the automatic monitoring of prices of at least one security is done within thirty minutes of a security price change.
259. The method of claim 254 further comprising calculating the Consolidation indicator value for at least one such security.
260. The method of claim 259 wherein the calculating comprises utilizing trade prices for at least one such security.
261. The method of claim 260 wherein the trade prices further comprise opening prices and closing prices for at least one such security.
262. The method of claim 261 wherein the calculating comprises utilizing bid prices or ask prices for at least one such security.
263. The method of claim 254 wherein the first computer system and the second computer system are coupled to a computer network.
264. The method of claim 263, wherein the computer network comprises the Internet.
265. The method of claim 254 wherein the user configuration data further comprises a list of securities.
266. The method of claim 254 wherein the user configuration data further comprises a list of securities exchanges.
267. The method of claim 266 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.

268. The method of claim 254 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.

269. The method of claim 254 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.

270. The method of claim 254 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.

271. The method of claim 270 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.

272. The method of claim 254 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.

273. The method of claim 254 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.

274. The method of claim 273 wherein the directional scrolling is to scroll down.

275. The method of claim 273 wherein the directional scrolling is to scroll up.

276. The method of claim 273 wherein the directional scrolling is to remain static.

277. A method of displaying information about securities, the method comprising:
receiving user configuration data into a first computer system, wherein the user configuration data configures the first computer system or a second computer system to provide information indicating when a Channel Breakout occurs for at least one security;

automatically monitoring prices of at least one security to determine if a Channel Breakout has occurred for at least one such security;

when a Channel Breakout has occurred for at least one such security, automatically displaying information to the user indicating that a Channel Breakout has occurred for at least one such security.

278. The method of claim 277 wherein the automatic display of information to the user is done in real-time.

279. The method of claim 277 wherein the automatic display of information to the user is done within thirty minutes of a security price change.

280. The method of claim 277 wherein the automatic monitoring of prices of at least one security is done in real-time.
281. The method of claim 277 wherein the automatic monitoring of prices of at least one security is done within thirty minutes of a security price change.
282. The method of claim 277 further comprising calculating the Channel Breakout indicator value for at least one such security.
283. The method of claim 282 wherein the calculating comprises utilizing trade prices for at least one such security.
284. The method of claim 283 wherein the trade prices further comprise opening prices and closing prices for at least one such security.
285. The method of claim 284 wherein the calculating comprises utilizing bid prices or ask prices for at least one such security.
286. The method of claim 277 wherein the first computer system and the second computer system are coupled to a computer network.
287. The method of claim 286, wherein the computer network comprises the Internet.
288. The method of claim 277 wherein the user configuration data further comprises a list of securities.
289. The method of claim 277 wherein the user configuration data further comprises a list of securities exchanges.
290. The method of claim 289 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.
291. The method of claim 277 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.
292. The method of claim 277 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.
293. The method of claim 277 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.

294. The method of claim 293 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.
295. The method of claim 277 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.
296. The method of claim 277 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.
297. The method of claim 296 wherein the directional scrolling is to scroll down.
298. The method of claim 296 wherein the directional scrolling is to scroll up.
299. The method of claim 296 wherein the directional scrolling is to remain static.
300. A method of displaying information about securities, the method comprising:
receiving user configuration data into a first computer system, wherein the user configuration data configures the first computer system or a second computer system to provide information indicating when a Channel Breakdown occurs for at least one security;
automatically monitoring prices of at least one security to determine if a Channel Breakdown has occurred for at least one such security;
when a Channel Breakdown has occurred for at least one such security, automatically displaying information to the user indicating that a Channel Breakdown has occurred for at least one such security.
301. The method of claim 300 wherein the automatic display of information to the user is done in real-time.
302. The method of claim 300 wherein the automatic display of information to the user is done within thirty minutes of a security price change.
303. The method of claim 300 wherein the automatic monitoring of prices of at least one security is done in real-time.
304. The method of claim 300 wherein the automatic monitoring of prices of at least one security is done within thirty minutes of a security price change.
305. The method of claim 300 further comprising calculating the Channel Breakdown indicator value for at least one such security.

306. The method of claim 305 wherein the calculating comprises utilizing trade prices for at least one such security.
307. The method of claim 306 wherein the trade prices further comprise opening prices and closing prices for at least one such security.
308. The method of claim 307 wherein the calculating comprises utilizing bid prices or ask prices for at least one such security.
309. The method of claim 300 wherein the first computer system and the second computer system are coupled to a computer network.
310. The method of claim 309, wherein the computer network comprises the Internet.
311. The method of claim 300 wherein the user configuration data further comprises a list of securities.
312. The method of claim 300 wherein the user configuration data further comprises a list of securities exchanges.
313. The method of claim 312 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.
314. The method of claim 300 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.
315. The method of claim 300 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.
316. The method of claim 300 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.
317. The method of claim 316 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.
318. The method of claim 300 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.

319. The method of claim 300 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.
320. The method of claim 319 wherein the directional scrolling is to scroll down.
321. The method of claim 319 wherein the directional scrolling is to scroll up.
322. The method of claim 319 wherein the directional scrolling is to remain static.
323. A method of displaying information about securities, the method comprising:
receiving user configuration data into a first computer system, wherein the user configuration data configures the first computer system or a second computer system to provide information indicating when an Up Trend occurs for at least one security;
automatically monitoring prices of at least one security to determine if an Up Trend has occurred for at least one such security;
when an Up Trend has occurred for at least one such security, automatically displaying information to the user indicating that an Up Trend has occurred for at least one such security.
324. The method of claim 323 wherein the automatic display of information to the user is done in real-time.
325. The method of claim 323 wherein the automatic display of information to the user is done within thirty minutes of a security price change.
326. The method of claim 323 wherein the automatic monitoring of prices of at least one security is done in real-time.
327. The method of claim 323 wherein the automatic monitoring of prices of at least one security is done within thirty minutes of a security price change.
328. The method of claim 323 further comprising calculating the Up Trend indicator value for at least one such security.
329. The method of claim 328 wherein the calculating comprises utilizing trade prices for at least one such security.
330. The method of claim 329 wherein the trade prices further comprise opening prices and closing prices for at least one such security.

331. The method of claim 330 wherein the calculating comprises utilizing bid prices or ask prices for at least one such security.
332. The method of claim 323 wherein the first computer system and the second computer system are coupled to a computer network.
333. The method of claim 332, wherein the computer network comprises the Internet.
334. The method of claim 323 wherein the user configuration data further comprises a list of securities.
335. The method of claim 323 wherein the user configuration data further comprises a list of securities exchanges.
336. The method of claim 335 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.
337. The method of claim 323 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.
338. The method of claim 323 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.
339. The method of claim 323 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.
340. The method of claim 339 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.
341. The method of claim 323 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.
342. The method of claim 323 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.
343. The method of claim 342 wherein the directional scrolling is to scroll down.
344. The method of claim 342 wherein the directional scrolling is to scroll up.

345. The method of claim 342 wherein the directional scrolling is to remain static.
346. A method of displaying information about securities, the method comprising:
receiving user configuration data into a first computer system, wherein the user configuration data configures the first computer system or a second computer system to provide information indicating when a Down Trend occurs for at least one security;
automatically monitoring prices of at least one security to determine if a Down Trend has occurred for at least one such security;
when a Down Trend has occurred for at least one such security, automatically displaying information to the user indicating that a Down Trend has occurred for at least one such security.
347. The method of claim 346 wherein the automatic display of information to the user is done in real-time.
348. The method of claim 346 wherein the automatic display of information to the user is done within thirty minutes of a security price change.
349. The method of claim 346 wherein the automatic monitoring of prices of at least one security is done in real-time.
350. The method of claim 346 wherein the automatic monitoring of prices of at least one security is done within thirty minutes of a security price change.
351. The method of claim 346 further comprising calculating the Down Trend indicator value for at least one such security.
352. The method of claim 351 wherein the calculating comprises utilizing trade prices for at least one such security.
353. The method of claim 352 wherein the trade prices further comprise opening prices and closing prices for at least one such security.
354. The method of claim 353 wherein the calculating comprises utilizing bid prices or ask prices for at least one such security.
355. The method of claim 346 wherein the first computer system and the second computer system are coupled to a computer network.
356. The method of claim 355, wherein the computer network comprises the Internet.

357. The method of claim 346 wherein the user configuration data further comprises a list of securities.
358. The method of claim 346 wherein the user configuration data further comprises a list of securities exchanges.
359. The method of claim 358 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.
360. The method of claim 346 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.
361. The method of claim 346 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.
362. The method of claim 346 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.
363. The method of claim 362 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.
364. The method of claim 346 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.
365. The method of claim 346 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.
366. The method of claim 365 wherein the directional scrolling is to scroll down.
367. The method of claim 365 wherein the directional scrolling is to scroll up.
368. The method of claim 365 wherein the directional scrolling is to remain static.
369. A method of displaying information about securities, the method comprising:
receiving user configuration data into a first computer system, wherein the user configuration data configures the first computer system or a second computer system to provide information indicating when a Z Minute Breakout occurs for at least one security, wherein Z is a number ranging from 1 to 60;
automatically monitoring prices of at least one security to determine if a Z Minute Breakout has occurred for at least one such security;

when a Z Minute Breakout has occurred for at least one such security, automatically displaying information to the user indicating that a Z Minute Breakout has occurred for at least one such security.

370. The method of claim 369 wherein the automatic display of information to the user is done in real-time.

371. The method of claim 369 wherein the automatic display of information to the user is done within thirty minutes of a security price change.

372. The method of claim 369 wherein the automatic monitoring of prices of at least one security is done in real-time.

373. The method of claim 369 wherein the automatic monitoring of prices of at least one security is done within thirty minutes of a security price change.

374. The method of claim 369 further comprising calculating the Z Minute Breakout indicator value for at least one such security.

375. The method of claim 374 wherein the calculating comprises utilizing trade prices for at least one such security.

376. The method of claim 375 wherein the trade prices further comprise opening prices and closing prices for at least one such security.

377. The method of claim 376 wherein the calculating comprises utilizing bid prices or ask prices for at least one such security.

378. The method of claim 369 wherein the first computer system and the second computer system are coupled to a computer network.

379. The method of claim 378, wherein the computer network comprises the Internet.

380. The method of claim 369 wherein the user configuration data further comprises a list of securities.

381. The method of claim 369 wherein the user configuration data further comprises a list of securities exchanges.

382. The method of claim 381 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.

383. The method of claim 369 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.
384. The method of claim 369 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.
385. The method of claim 369 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.
386. The method of claim 385 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.
387. The method of claim 369 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.
388. The method of claim 369 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.
389. The method of claim 388 wherein the directional scrolling is to scroll down.
390. The method of claim 388 wherein the directional scrolling is to scroll up.
391. The method of claim 388 wherein the directional scrolling is to remain static.
392. A method of displaying information about securities, the method comprising:
receiving user configuration data into a first computer system, wherein the user configuration data configures the first computer system or a second computer system to provide information indicating when a Z Minute Breakdown occurs for at least one security, wherein Z is a number ranging from 1 to 60;
automatically monitoring prices of at least one security to determine if a Z Minute Breakdown has occurred for at least one such security;
when a Z Minute Breakdown has occurred for at least one such security, automatically displaying information to the user indicating that a Z Minute Breakdown has occurred for at least one such security.
393. The method of claim 392 wherein the automatic display of information to the user is done in real-time.
394. The method of claim 392 wherein the automatic display of information to the user is done within thirty minutes of a security price change.

395. The method of claim 392 wherein the automatic monitoring of prices of at least one security is done in real-time.
396. The method of claim 392 wherein the automatic monitoring of prices of at least one security is done within thirty minutes of a security price change.
397. The method of claim 392 further comprising calculating the Z Minute Breakdown indicator value for at least one such security.
398. The method of claim 397 wherein the calculating comprises utilizing trade prices for at least one such security.
399. The method of claim 398 wherein the trade prices further comprise opening prices and closing prices for at least one such security.
400. The method of claim 399 wherein the calculating comprises utilizing bid prices or ask prices for at least one such security.
401. The method of claim 392 wherein the first computer system and the second computer system are coupled to a computer network.
402. The method of claim 401, wherein the computer network comprises the Internet.
403. The method of claim 392 wherein the user configuration data further comprises a list of securities.
404. The method of claim 392 wherein the user configuration data further comprises a list of securities exchanges.
405. The method of claim 404 wherein the list of securities exchanges comprises at least one of the following: NYSE, AMEX, or NASDAQ.
406. The method of claim 392 wherein the user configuration data further comprises a background color for the automatic display of information for at least one such security to the user.
407. The method of claim 392 wherein the user configuration data further comprises a text color for the automatic display of information for at least one such security to the user.
408. The method of claim 392 wherein the user configuration data further comprises a plurality of configuration options for the automatic display of information for at least one such security to the user.

409. The method of claim 408 wherein the plurality of configuration options comprise at least one of the following: "Minimum Stock Price," "Maximum Stock Price," "Maximum Bid/Ask Spread," "Minimum Consolidation Time," and "Minimum X Day Average Volume", where X is a number ranging from 1 to 365.
410. The method of claim 392 wherein the user configuration data further comprises a text font for the automatic display of information for at least one such security to the user.
411. The method of claim 392 wherein the user configuration data further comprises directional scrolling for the automatic display of information for at least one such security to the user.
412. The method of claim 411 wherein the directional scrolling is to scroll down.
413. The method of claim 411 wherein the directional scrolling is to scroll up.
414. The method of claim 411 wherein the directional scrolling is to remain static.
415. A method of viewing information about securities, the method comprising:
inputting user configuration data into a first computer system, wherein the user configuration data is adapted to configure the first computer system or a second computer system to provide information indicating when a New High Ask occurs for at least one security; and
viewing information on a user interface indicating when a New High Ask has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if a New High Ask has occurred for at least one such security.
416. The method of claim 415 further comprising trading at least one security based on the information indicating when a New High Ask has occurred for at least one such security.
417. A method of viewing information about securities, the method comprising:
inputting user configuration data into a first computer system, wherein the user configuration data is adapted to configure the first computer system or a second computer system to provide information indicating when a High Most Active occurs for at least one security; and
viewing information on a user interface indicating when a High Most Active has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if a High Most Active has occurred for at least one such security.

418. The method of claim 417 further comprising trading at least one security based on the information indicating when a High Most Active has occurred for at least one such security:

419. A method of viewing information about securities, the method comprising:

inputting user configuration data into a first computer system, wherein the user configuration data is adapted to configure the first computer system or a second computer system to provide information indicating when a Y Week High occurs for at least one security, wherein Y is a number ranging from 1 to 52; and

viewing information on a user interface indicating when a Y Week High has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if a Y Week High has occurred for at least one such security.

420. The method of claim 419 further comprising trading at least one security based on the information indicating when a Y Week High has occurred for at least one such security.

421. A method of viewing information about securities, the method comprising:

inputting user configuration data into a first computer system, wherein the user configuration data is adapted to configure the first computer system or a second computer system to provide information indicating when a New Low Bid occurs for at least one security; and

viewing information on a user interface indicating when a New Low Bid has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if a New Low Bid has occurred for at least one such security.

422. The method of claim 421 further comprising trading at least one security based on the information indicating when a New Low Bid has occurred for at least one such security.

423. A method of viewing information about securities, the method comprising:

inputting user configuration data into a first computer system, wherein the user configuration data is adapted to configure the first computer system or a second computer system to provide information indicating when a Low Most Active occurs for at least one security; and

viewing information on a user interface indicating when a Low Most Active has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if a Low Most Active has occurred for at least one such security.

424. The method of claim 423 further comprising trading at least one security based on the information indicating when a Low Most Active has occurred for at least one such security.
425. A method of viewing information about securities, the method comprising:
inputting user configuration data into a first computer system, wherein the user configuration data is adapted to configure the first computer system or a second computer system to provide information indicating when a Y Week Low occurs for at least one security, wherein Y is a number ranging from 1 to 52; and
viewing information on a user interface indicating when a Y Week Low has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if a Y Week Low has occurred for at least one such security.
426. The method of claim 425 further comprising trading at least one security based on the information indicating when a Y Week Low has occurred for at least one such security.
427. A method of viewing information about securities, the method comprising:
inputting user configuration data into a first computer system, wherein the user configuration data is adapted to configure the first computer system or a second computer system to provide information indicating when a Whiplash Down occurs for at least one security; and
viewing information on a user interface indicating when a Whiplash Down has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if a Whiplash Down has occurred for at least one such security.
428. The method of claim 427 further comprising trading at least one security based on the information indicating when a Whiplash Down has occurred for at least one such security.
429. A method of viewing information about securities, the method comprising:
inputting user configuration data into a first computer system, wherein the user configuration data is adapted to configure the first computer system or a second computer system to provide information indicating when a Breakdown occurs for at least one security; and
viewing information on a user interface indicating when a Breakdown has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if a Breakdown has occurred for at least one such security.
430. The method of claim 429 further comprising trading at least one security based on the information indicating when a Breakdown has occurred for at least one such security.

431. A method of viewing information about securities, the method comprising:
inputting user configuration data into a first computer system, wherein the user configuration data is adapted to configure the first computer system or a second computer system to provide information indicating when a Volume Move Up occurs for at least one security; and
viewing information on a user interface indicating when a Volume Move Up has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if a Volume Move Up has occurred for at least one such security.
432. The method of claim 431 further comprising trading at least one security based on the information indicating when a Volume Move Up has occurred for at least one such security.
433. A method of viewing information about securities, the method comprising:
inputting user configuration data into a first computer system, wherein the user configuration data is adapted to configure the first computer system or a second computer system to provide information indicating when a Volume Move Down occurs for at least one security; and
viewing information on a user interface indicating when a Volume Move Down has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if a Volume Move Down has occurred for at least one such security.
434. The method of claim 433 further comprising trading at least one security based on the information indicating when a Volume Move Down has occurred for at least one such security.
435. A method of viewing information about securities, the method comprising:
inputting user configuration data into a first computer system, wherein the user configuration data is adapted to configure the first computer system or a second computer system to provide information indicating when a Volume Spike occurs for at least one security; and
viewing information on a user interface indicating when a Volume Spike has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if a Volume Spike has occurred for at least one such security.
436. The method of claim 435 further comprising trading at least one security based on the information indicating when a Volume Spike has occurred for at least one such security.

437. A method of viewing information about securities, the method comprising:
inputting user configuration data into a first computer system, wherein the user configuration data is adapted to configure the first computer system or a second computer system to provide information indicating when a Consolidation occurs for at least one security; and
viewing information on a user interface indicating when a Consolidation has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if a Consolidation has occurred for at least one such security.
438. The method of claim 437 further comprising trading at least one security based on the information indicating when a Consolidation has occurred for at least one such security.
439. A method of viewing information about securities, the method comprising:
inputting user configuration data into a first computer system, wherein the user configuration data is adapted to configure the first computer system or a second computer system to provide information indicating when a Channel Breakout occurs for at least one security; and
viewing information on a user interface indicating when a Channel Breakout has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if a Channel Breakout has occurred for at least one such security.
440. The method of claim 439 further comprising trading at least one security based on the information indicating when a Channel Breakout has occurred for at least one such security.
441. A method of viewing information about securities, the method comprising:
inputting user configuration data into a first computer system, wherein the user configuration data is adapted to configure the first computer system or a second computer system to provide information indicating when a Channel Breakdown occurs for at least one security; and
viewing information on a user interface indicating when a Channel Breakdown has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if a Channel Breakdown has occurred for at least one such security.
442. The method of claim 441 further comprising trading at least one security based on the information indicating when a Channel Breakdown has occurred for at least one such security.

443. A method of viewing information about securities, the method comprising:

inputting user configuration data into a first computer system, wherein the user configuration data is adapted to configure the first computer system or a second computer system to provide information indicating when an Up Trend occurs for at least one security; and

viewing information on a user interface indicating when an Up Trend has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if an Up Trend has occurred for at least one such security.

444. The method of claim 443 further comprising trading at least one security based on the information indicating when an Up Trend has occurred for at least one such security.

445. A method of viewing information about securities, the method comprising:

inputting user configuration data into a first computer system, wherein the user configuration data is adapted to configure the first computer system or a second computer system to provide information indicating when a Down Trend occurs for at least one security; and

viewing information on a user interface indicating when a Down Trend has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if a Down Trend has occurred for at least one such security.

446. The method of claim 445 further comprising trading at least one security based on the information indicating when a Down Trend has occurred for at least one such security.

447. A method of viewing information about securities, the method comprising:

inputting user configuration data into a first computer system, wherein the user configuration data is adapted to configure the first computer system or a second computer system to provide information indicating when a Z Minute Breakout occurs for at least one security, wherein Z is a number ranging from 1 to 60; and

viewing information on a user interface indicating when a Z Minute Breakout has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if a Z Minute Breakout has occurred for at least one such security.

448. The method of claim 447 further comprising trading at least one security based on the information indicating when a Z Minute Breakout has occurred for at least one such security.

449. A method of viewing information about securities, the method comprising:

inputting user configuration data into a first computer system, wherein the user configuration data

is adapted to configure the first computer system or a second computer system to provide information indicating when a Z Minute Breakdown occurs for at least one security, wherein Z is a number ranging from 1 to 60; and

viewing information on a user interface indicating when a Z Minute Breakdown has occurred for at least one such security, the information being determined by either the first computer system or the second computer system, wherein the first computer system or the second computer system automatically monitors prices of at least one such security to determine if a Z Minute Breakdown has occurred for at least one such security.

450. The method of claim 449 further comprising trading at least one security based on the information indicating when a Z Minute Breakdown has occurred for at least one such security.

451. A computerized user configurable securities information display system comprising:
a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;

wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;

wherein the user configuration data comprises a New High Ask indicator.

452. The system of claim 451 wherein the system is configured to display fluctuations in prices of securities in real-time.

453. The system of claim 451 wherein the system is configured to display the New High Ask indicator for each of one or more securities in real-time.

454. The system of claim 451 wherein the network comprises the Internet.

455. A computerized user configurable securities information display system comprising:
a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;

wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;

wherein the user configuration data comprises a High Most Active indicator.

456. The system of claim 455 wherein the system is configured to display fluctuations in prices of securities in real-time.
457. The system of claim 455 wherein the system is configured to display the High Most Active indicator for each of one or more securities in real-time.
458. The system of claim 455 wherein the network comprises the Internet.
459. A computerized user configurable securities information display system comprising:
a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;
wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;
wherein the user configuration data comprises a Y Week High indicator, wherein Y is a number ranging from 1 to 52.
460. The system of claim 459 wherein the system is configured to display fluctuations in prices of securities in real-time.
461. The system of claim 459 wherein the system is configured to display the Y Week High indicator for each of one or more securities in real-time.
462. The system of claim 459 wherein the network comprises the Internet.
463. A computerized user configurable securities information display system comprising:
a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;
wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;
wherein the user configuration data comprises a New Low Bid indicator.
464. The system of claim 463 wherein the system is configured to display fluctuations in prices of securities in real-time.

465. The system of claim 463 wherein the system is configured to display the New Low Bid indicator for each of one or more securities in real-time.
466. The system of claim 463 wherein the network comprises the Internet.
467. A computerized user configurable securities information display system comprising:
a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;
wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;
wherein the user configuration data comprises a Low Most Active indicator.
468. The system of claim 467 wherein the system is configured to display fluctuations in prices of securities in real-time.
469. The system of claim 467 wherein the system is configured to display the Low Most Active indicator for each of one or more securities in real-time.
470. The system of claim 467 wherein the network comprises the Internet.
471. A computerized user configurable securities information display system comprising:
a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;
wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;
wherein the user configuration data comprises a Y Week Low indicator, wherein Y is a number ranging from 1 to 52.
472. The system of claim 471 wherein the system is configured to display fluctuations in prices of securities in real-time.
473. The system of claim 471 wherein the system is configured to display the Y Week Low indicator for each of one or more securities in real-time.

474. The system of claim 471 wherein the network comprises the Internet.
475. A computerized user configurable securities information display system comprising:
a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;
wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;
wherein the user configuration data comprises a Whiplash Down indicator.
476. The system of claim 475 wherein the system is configured to display fluctuations in prices of securities in real-time.
477. The system of claim 475 wherein the system is configured to display the Whiplash Down indicator for each of one or more securities in real-time.
478. The system of claim 475 wherein the network comprises the Internet.
479. A computerized user configurable securities information display system comprising:
a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;
wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;
wherein the user configuration data comprises a Breakdown indicator.
480. The system of claim 479 wherein the system is configured to display fluctuations in prices of securities in real-time.
481. The system of claim 479 wherein the system is configured to display the Breakdown indicator for each of one or more securities in real-time.
482. The system of claim 479 wherein the network comprises the Internet.
483. A computerized user configurable securities information display system comprising:

a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;

wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;

wherein the user configuration data comprises a Volume Move Up indicator.

484. The system of claim 483 wherein the system is configured to display fluctuations in prices of securities in real-time.

485. The system of claim 483 wherein the system is configured to display the Volume Move Up indicator for each of one or more securities in real-time.

486. The system of claim 483 wherein the network comprises the Internet.

487. A computerized user configurable securities information display system comprising:

a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;

wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;

wherein the user configuration data comprises a Volume Move Down indicator.

488. The system of claim 487 wherein the system is configured to display fluctuations in prices of securities in real-time.

489. The system of claim 487 wherein the system is configured to display the Volume Move Down indicator for each of one or more securities in real-time.

490. The system of claim 487 wherein the network comprises the Internet.

491. A computerized user configurable securities information display system comprising:

a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;

wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;

wherein the user configuration data comprises a Volume Spike indicator.

492. The system of claim 491 wherein the system is configured to display fluctuations in prices of securities in real-time.

493. The system of claim 491 wherein the system is configured to display the Volume Spike indicator for each of one or more securities in real-time.

494. The system of claim 491 wherein the network comprises the Internet.

495. A computerized user configurable securities information display system comprising:

a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;

wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;

wherein the user configuration data comprises a Consolidation indicator.

496. The system of claim 495 wherein the system is configured to display fluctuations in prices of securities in real-time.

497. The system of claim 495 wherein the system is configured to display the Consolidation indicator for each of one or more securities in real-time.

498. The system of claim 495 wherein the network comprises the Internet.

499. A computerized user configurable securities information display system comprising:

a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;

wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;

wherein the user configuration data comprises a Channel Breakout indicator.

500. The system of claim 499 wherein the system is configured to display fluctuations in prices of securities in real-time.
501. The system of claim 499 wherein the system is configured to display the Channel Breakout indicator for each of one or more securities in real-time.
502. The system of claim 499 wherein the network comprises the Internet.
503. A computerized user configurable securities information display system comprising:
a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;
wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;
wherein the user configuration data comprises a Channel Breakdown indicator.
504. The system of claim 503 wherein the system is configured to display fluctuations in prices of securities in real-time.
505. The system of claim 503 wherein the system is configured to display the Channel Breakdown indicator for each of one or more securities in real-time.
506. The system of claim 503 wherein the network comprises the Internet.
507. A computerized user configurable securities information display system comprising:
a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;
wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;
wherein the user configuration data comprises an Up Trend indicator.
508. The system of claim 507 wherein the system is configured to display fluctuations in prices of securities in real-time.

509. The system of claim 507 wherein the system is configured to display the Up Trend indicator for each of one or more securities in real-time.

510. The system of claim 507 wherein the network comprises the Internet.

511. A computerized user configurable securities information display system comprising:

a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;

wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;

wherein the user configuration data comprises a Down Trend indicator.

512. The system of claim 511 wherein the system is configured to display fluctuations in prices of securities in real-time.

513. The system of claim 511 wherein the system is configured to display the Down Trend indicator for each of one or more securities in real-time.

514. The system of claim 511 wherein the network comprises the Internet.

515. A computerized user configurable securities information display system comprising:

a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;

wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;

wherein the user configuration data comprises a Z Minute Breakout indicator, wherein Z is a number ranging from 1 to 60.

516. The system of claim 515 wherein the system is configured to display fluctuations in prices of securities in real-time.

517. The system of claim 515 wherein the system is configured to display the Z Minute Breakout indicator for each of one or more securities in real-time.

518. The system of claim 515 wherein the network comprises the Internet.
519. A computerized user configurable securities information display system comprising:
a first computing system coupled to a network, the first computing system comprising (a) a memory configured to receive security user configuration data from a user interface, and (b) a display system to display securities information in a securities display format, wherein the user configuration data affects the securities display format;
wherein the first computing system or a second computing system is configured to receive securities information from the network and to display securities information in the securities display format;
wherein the user configuration data comprises a Z Minute Breakdown indicator, wherein Z is a number ranging from 1 to 60.
520. The system of claim 519 wherein the system is configured to display fluctuations in prices of securities in real-time.
521. The system of claim 519 wherein the system is configured to display the Z Minute Breakdown indicator for each of one or more securities in real-time.
522. The system of claim 519 wherein the network comprises the Internet.
523. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:
collecting security-specific data for each of one or more securities;
transmitting the security-specific data to a user interface;
receiving user configuration data;
wherein the user configuration data comprises a New High Ask indicator;
displaying the security-specific data on the user interface in a format determined by the user configuration data.
524. The carrier medium of claim 523 wherein fluctuations in prices of securities are displayed in real-time.
525. The carrier medium of claim 523 wherein the New High Ask indicator for each of one or more securities is displayed in real-time.
526. The carrier medium of claim 523, wherein the program is further executable to monitor the New High Ask indicator for each of the one or more securities and to display changes in such New High Ask indicator.

527. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:

collecting security-specific data for each of one or more securities;

transmitting the security-specific data to a user interface;

receiving user configuration data;

wherein the user configuration data comprises a High Most Active indicator;

displaying the security-specific data on the user interface in a format determined by the user configuration data.

528. The carrier medium of claim 527 wherein fluctuations in prices of securities are displayed in real-time.

529. The carrier medium of claim 527 wherein the High Most Active indicator for each of one or more securities is displayed in real-time.

530. The carrier medium of claim 527, wherein the program is further executable to monitor the High Most Active indicator for each of the one or more securities and to display changes in such High Most Active indicator.

531. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:

collecting security-specific data for each of one or more securities;

transmitting the security-specific data to a user interface;

receiving user configuration data;

wherein the user configuration data comprises a Y Week High indicator, wherein Y is a number ranging from 1 to 52;

displaying the security-specific data on the user interface in a format determined by the user configuration data.

532. The carrier medium of claim 531 wherein fluctuations in prices of securities are displayed in real-time.

533. The carrier medium of claim 531 wherein the Y Week High indicator for each of one or more securities is displayed in real-time.

534. The carrier medium of claim 531, wherein the program is further executable to monitor the Y Week High indicator for each of the one or more securities and to display changes in such Y Week High indicator.

535. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:
- collecting security-specific data for each of one or more securities;
 - transmitting the security-specific data to a user interface;
 - receiving user configuration data;
 - wherein the user configuration data comprises a New Low Bid indicator;
 - displaying the security-specific data on the user interface in a format determined by the user configuration data.
536. The carrier medium of claim 535 wherein fluctuations in prices of securities are displayed in real-time.
537. The carrier medium of claim 535 wherein the New Low Bid indicator for each of one or more securities is displayed in real-time.
538. The carrier medium of claim 535, wherein the program is further executable to monitor the New Low Bid indicator for each of the one or more securities and to display changes in such New Low Bid indicator.
539. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:
- collecting security-specific data for each of one or more securities;
 - transmitting the security-specific data to a user interface;
 - receiving user configuration data;
 - wherein the user configuration data comprises a Low Most Active indicator;
 - displaying the security-specific data on the user interface in a format determined by the user configuration data.
540. The carrier medium of claim 539 wherein fluctuations in prices of securities are displayed in real-time.
541. The carrier medium of claim 539 wherein the Low Most Active indicator for each of one or more securities is displayed in real-time.
542. The carrier medium of claim 539, wherein the program is further executable to monitor the Low Most Active indicator for each of the one or more securities and to display changes in such Low Most Active indicator.

543. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:

collecting security-specific data for each of one or more securities;

transmitting the security-specific data to a user interface;

receiving user configuration data;

wherein the user configuration data comprises a Y Week Low indicator, wherein Y is a number ranging from 1 to 52;

displaying the security-specific data on the user interface in a format determined by the user configuration data.

544. The carrier medium of claim 543 wherein fluctuations in prices of securities are displayed in real-time.

545. The carrier medium of claim 543 wherein the Y Week Low indicator for each of one or more securities is displayed in real-time.

546. The carrier medium of claim 543, wherein the program is further executable to monitor the Y Week Low indicator for each of the one or more securities and to display changes in such Y Week Low indicator.

547. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:

collecting security-specific data for each of one or more securities;

transmitting the security-specific data to a user interface;

receiving user configuration data;

wherein the user configuration data comprises a Whiplash Down indicator;

displaying the security-specific data on the user interface in a format determined by the user configuration data.

548. The carrier medium of claim 547 wherein fluctuations in prices of securities are displayed in real-time.

549. The carrier medium of claim 547 wherein the Whiplash Down indicator for each of one or more securities is displayed in real-time.

550. The carrier medium of claim 547, wherein the program is further executable to monitor the Whiplash Down indicator for each of the one or more securities and to display changes in such Whiplash Down indicator.

551. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:
- collecting security-specific data for each of one or more securities;
 - transmitting the security-specific data to a user interface;
 - receiving user configuration data;
 - wherein the user configuration data comprises a Breakdown indicator;
 - displaying the security-specific data on the user interface in a format determined by the user configuration data.
552. The carrier medium of claim 551 wherein fluctuations in prices of securities are displayed in real-time.
553. The carrier medium of claim 551 wherein the Breakdown indicator for each of one or more securities is displayed in real-time.
554. The carrier medium of claim 551, wherein the program is further executable to monitor the Breakdown indicator for each of the one or more securities and to display changes in such Breakdown indicator.
555. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:
- collecting security-specific data for each of one or more securities;
 - transmitting the security-specific data to a user interface;
 - receiving user configuration data;
 - wherein the user configuration data comprises a Volume Move Up indicator;
 - displaying the security-specific data on the user interface in a format determined by the user configuration data.
556. The carrier medium of claim 555 wherein fluctuations in prices of securities are displayed in real-time.
557. The carrier medium of claim 555 wherein the Volume Move Up indicator for each of one or more securities is displayed in real-time.
558. The carrier medium of claim 555, wherein the program is further executable to monitor the Volume Move Up indicator for each of the one or more securities and to display changes in such Volume Move Up indicator.

559. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:
- collecting security-specific data for each of one or more securities;
 - transmitting the security-specific data to a user interface;
 - receiving user configuration data;
 - wherein the user configuration data comprises a Volume Move Down indicator;
 - displaying the security-specific data on the user interface in a format determined by the user configuration data.
560. The carrier medium of claim 559 wherein fluctuations in prices of securities are displayed in real-time.
561. The carrier medium of claim 559 wherein the Volume Move Down indicator for each of one or more securities is displayed in real-time.
562. The carrier medium of claim 559, wherein the program is further executable to monitor the Volume Move Down indicator for each of the one or more securities and to display changes in such Volume Move Down indicator.
563. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:
- collecting security-specific data for each of one or more securities;
 - transmitting the security-specific data to a user interface;
 - receiving user configuration data;
 - wherein the user configuration data comprises a Volume Spike indicator;
 - displaying the security-specific data on the user interface in a format determined by the user configuration data.
564. The carrier medium of claim 563 wherein fluctuations in prices of securities are displayed in real-time.
565. The carrier medium of claim 563 wherein the Volume Spike indicator for each of one or more securities is displayed in real-time.
566. The carrier medium of claim 563, wherein the program is further executable to monitor the Volume Spike indicator for each of the one or more securities and to display changes in such Volume Spike indicator.

567. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:

collecting security-specific data for each of one or more securities;

transmitting the security-specific data to a user interface;

receiving user configuration data;

wherein the user configuration data comprises a Consolidation indicator;

displaying the security-specific data on the user interface in a format determined by the user configuration data.

568. The carrier medium of claim 567 wherein fluctuations in prices of securities are displayed in real-time.

569. The carrier medium of claim 567 wherein the Consolidation indicator for each of one or more securities is displayed in real-time.

570. The carrier medium of claim 567, wherein the program is further executable to monitor the Consolidation indicator for each of the one or more securities and to display changes in such Consolidation indicator.

571. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:

collecting security-specific data for each of one or more securities;

transmitting the security-specific data to a user interface;

receiving user configuration data;

wherein the user configuration data comprises a Channel Breakout indicator;

displaying the security-specific data on the user interface in a format determined by the user configuration data.

572. The carrier medium of claim 571 wherein fluctuations in prices of securities are displayed in real-time.

573. The carrier medium of claim 571 wherein the Channel Breakout indicator for each of one or more securities is displayed in real-time.

574. The carrier medium of claim 571, wherein the program is further executable to monitor the Channel Breakout indicator for each of the one or more securities and to display changes in such Channel Breakout indicator.

575. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:

collecting security-specific data for each of one or more securities;

transmitting the security-specific data to a user interface;

receiving user configuration data;

wherein the user configuration data comprises a Channel Breakdown indicator;

displaying the security-specific data on the user interface in a format determined by the user configuration data.

576. The carrier medium of claim 575 wherein fluctuations in prices of securities are displayed in real-time.

577. The carrier medium of claim 575 wherein the Channel Breakdown indicator for each of one or more securities is displayed in real-time.

578. The carrier medium of claim 575, wherein the program is further executable to monitor the Channel Breakdown indicator for each of the one or more securities and to display changes in such Channel Breakdown indicator.

579. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:

collecting security-specific data for each of one or more securities;

transmitting the security-specific data to a user interface;

receiving user configuration data;

wherein the user configuration data comprises an Up Trend indicator;

displaying the security-specific data on the user interface in a format determined by the user configuration data.

580. The carrier medium of claim 579 wherein fluctuations in prices of securities are displayed in real-time.

581. The carrier medium of claim 579 wherein the Up Trend indicator for each of one or more securities is displayed in real-time.

582. The carrier medium of claim 579, wherein the program is further executable to monitor the Up Trend indicator for each of the one or more securities and to display changes in such Up Trend indicator.

583. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:

collecting security-specific data for each of one or more securities;

transmitting the security-specific data to a user interface;
receiving user configuration data;
wherein the user configuration data comprises a Down Trend indicator;
displaying the security-specific data on the user interface in a format determined by the user configuration data.

584. The carrier medium of claim 583 wherein fluctuations in prices of securities are displayed in real-time.

585. The carrier medium of claim 583 wherein the Down Trend indicator for each of one or more securities is displayed in real-time.

586. The carrier medium of claim 583, wherein the program is further executable to monitor the Down Trend indicator for each of the one or more securities and to display changes in such Down Trend indicator.

587. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:

collecting security-specific data for each of one or more securities;
transmitting the security-specific data to a user interface;
receiving user configuration data;
wherein the user configuration data comprises a Z Minute Breakout indicator, wherein Z is a number ranging from 1 to 60;
displaying the security-specific data on the user interface in a format determined by the user configuration data.

588. The carrier medium of claim 587 wherein fluctuations in prices of securities are displayed in real-time.

589. The carrier medium of claim 587 wherein the Z Minute Breakout indicator for each of one or more securities is displayed in real-time.

590. The carrier medium of claim 587, wherein the program is further executable to monitor the Z Minute Breakout indicator for each of the one or more securities and to display changes in such Z Minute Breakout indicator.

591. A carrier medium which stores program instructions, wherein the program instructions are executable to implement:

collecting security-specific data for each of one or more securities;
transmitting the security-specific data to a user interface;
receiving user configuration data;

wherein the user configuration data comprises a Z Minute Breakdown indicator, wherein Z is a number ranging from 1 to 60;

displaying the security-specific data on the user interface in a format determined by the user configuration data.

592. The carrier medium of claim 591 wherein fluctuations in prices of securities are displayed in real-time.

593. The carrier medium of claim 591 wherein the Z Minute Breakdown indicator for each of one or more securities is displayed in real-time.

594. The carrier medium of claim 591, wherein the program is further executable to monitor the Z Minute Breakdown indicator for each of the one or more securities and to display changes in such Z Minute Breakdown indicator.

595. The carrier medium of claim 523 wherein the carrier medium is a memory medium.

596. A method of providing information about securities, the method comprising:
monitoring securities information;
determining based on the monitored securities information, if an indicator has changed; and
providing information about securities to a user if the indicator has changed.

597. A computerized securities information communication system comprising:
a first computer system coupled to a network; wherein the first computer system or a second computer system coupled to the first computer system via the network is configured to monitor securities information;
wherein the first computing system or the second computing system is configured to determine based on the monitored securities information, if an indicator has changed; and
wherein the first computing system provides information about securities to a user if the indicator has changed.

598. A carrier medium which stores program instructions, wherein the program instructions are executable to:
monitor securities information;
determine based on the monitored securities information, if an indicator has changed; and
provide information about securities to a user if the indicator has changed.

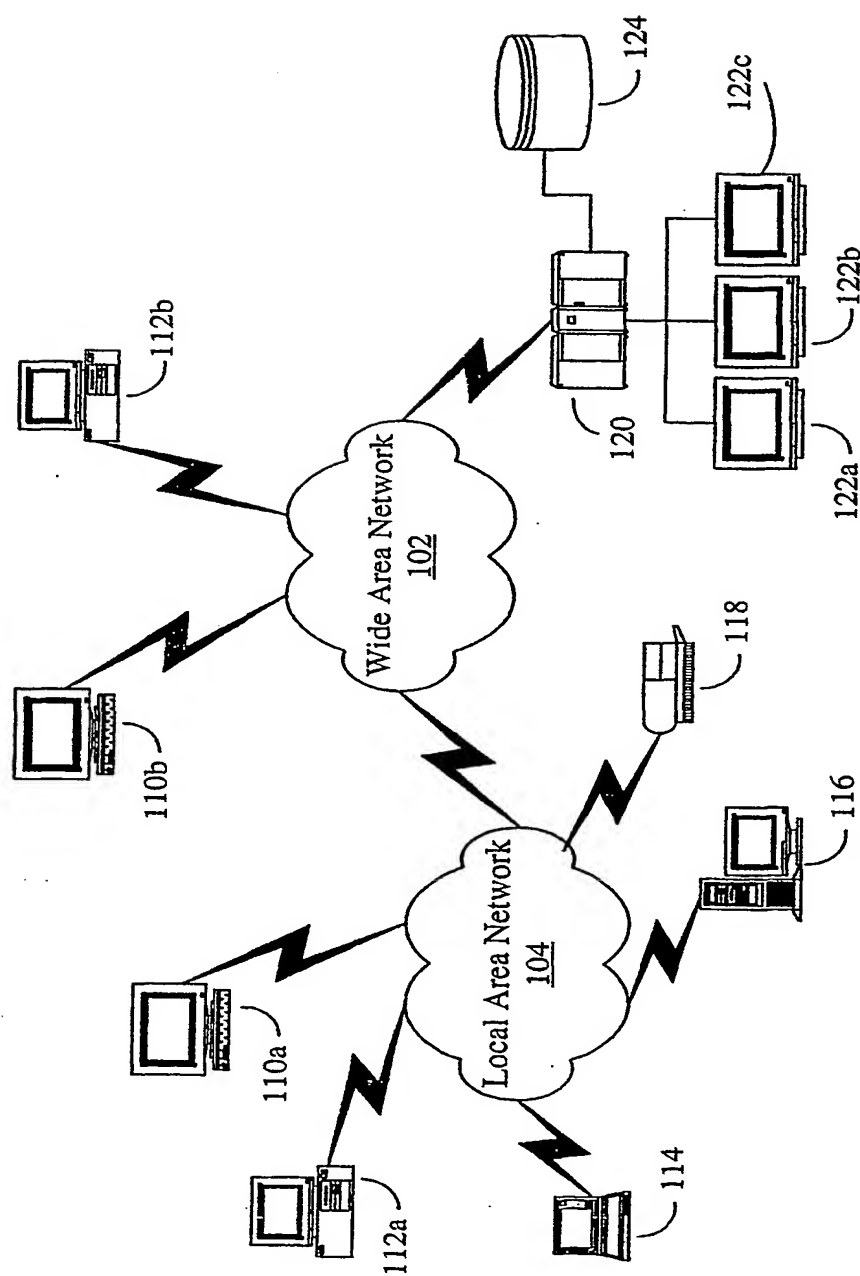


FIG. 1

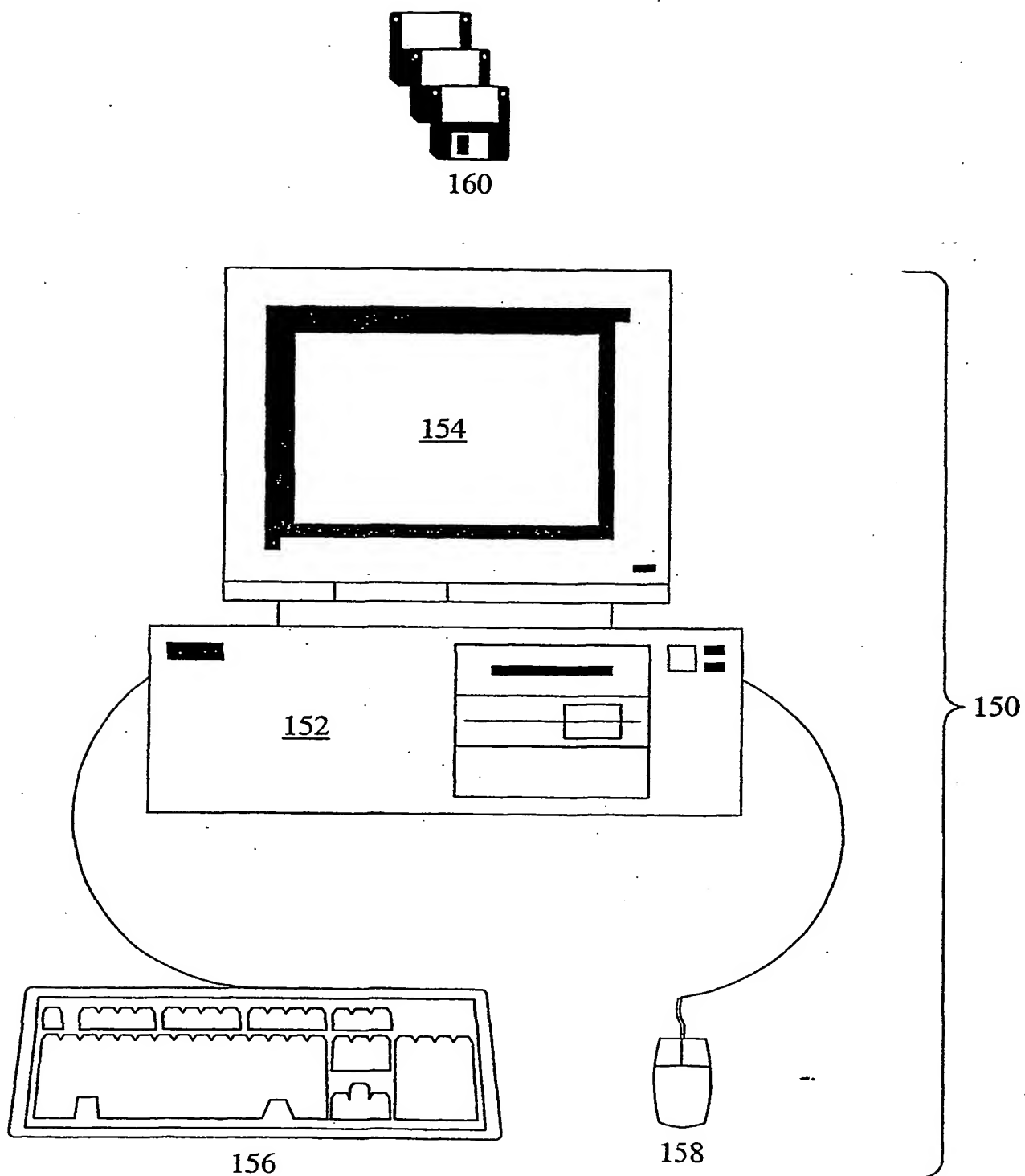


FIG. 2

Time	Symbol	Price	Text
11:31:15	SGR	45 5/8	new low bid
11:31:15	SBC	41 7/8	Crossed down
11:31:15	PCSA	61 7/16	new low bid
11:31:15	DURA	22 3/4	new low
11:31:14	PALM	33 3/4	NEW HIGH
11:31:14	CIMA	30 1/8	new low bid
11:31:14	HCR	12 11/16	new low
11:31:13	ENT	42	new low bid
11:31:13	QQQ	90 7/8	Locked DOWN
11:31:13	\$OGVX	109.68	NEW 4 DAY HIGH
11:31:12	DURA	22 3/4	new low bid
11:31:12	PCSA	61 1/2	new low bid
11:31:12	PALM	33 3/4	NEW HIGH ASK
11:31:11	LEVEL	16 1/2	new low bid
11:31:10	RAL	21 7/16	new 2 day low
11:31:09	ADIC	14 11/16	NEW HIGH MOST ACTIVE
11:31:09	ADIC	14 11/16	NEW 4 DAY HIGH
11:31:09	HRZ	31 15/16	new low
11:31:09	USEC	32 9/16	new low most active
11:31:09	USFC	32 9/16	new low
11:31:09	WFI	46 11/16	new 4 day low
11:31:07	LE	28 3/4	Locked UP
11:31:07	SGR	45 11/16	new low most active
11:31:07	SGR	45 11/16	new 2 day low
11:31:07	SBH	66 1/16	new low
11:31:06	GKSRA	28 5/16	new low bid
11:31:06	SVGI	27 3/8	NEW HIGH ASK
11:31:06	DVSA	24 5/8	new low bid
11:31:06	CYTC	49 1/4	NEW HIGH
11:31:05	BKHM	52 3/4	new low most active
11:31:05	BKHM	52 3/4	new 4 day low
11:31:05	PWJ	71 1/4	new low most active
11:31:05	PWJ	71 1/4	new low
11:31:04	CYTC	49 5/16	NEW HIGH ASK
11:31:03	DE	36 7/16	new 2 day low
11:31:02	SFS	11 15/16	NEW 4 DAY HIGH
11:31:02	DE	36 3/8	new low bid
11:31:02	NPIX	13	new low bid
11:31:01	PCSA	61 5/8	new low bid
11:31:00	SPOT	28 3/8	new low most active
11:31:00	SPOT	28 3/8	new 52 week low
11:31:00	SPOT	28 3/8	new 252 day low

FIG. 3(a)

Time	Symbol	Price	Text
11:31:19	CSGS	42	new low most active
11:31:19	CSGS	42	new 4 day low
11:31:18	REI-C	20 1/8	new low
11:31:18	HRZ	31 15/16	new low bid
11:31:16	HCR	12 9/16	new low bid
11:31:15	SGR	45 5/8	new low bid
11:31:15	SBC	41 7/8	Crossed down
11:31:15	PCSA	61 7/16	new low bid
11:31:15	DURA	22 3/4	new low
11:31:14	PALM	33 3/4	NEW HIGH
11:31:14	CIMA	30 1/8	new low bid
11:31:14	HCR	12 11/16	new low
11:31:13	ENT	42	new low bid
11:31:13	QQQ	90 7/8	Locked DOWN
11:31:13	\$OGVX	109.68	NEW 4 DAY HIGH
11:31:12	DURA	22 3/4	new low bid
11:31:12	PCSA	61 1/2	new low bid
11:31:12	PALM	33 3/4	NEW HIGH ASK
11:31:11	LEVEL	16 1/2	new low bid
11:31:10	RAL	21 7/16	new 2 day low
11:31:09	ADIC	14 11/16	NEW HIGH MOST ACTIVE
11:31:09	ADIC	14 11/16	NEW 4 DAY HIGH
11:31:09	HRZ	31 15/16	new low
11:31:09	USEC	32 9/16	new low most active
11:31:09	USFC	32 9/16	new low
11:31:09	WFI	46 11/16	new 4 day low
11:31:07	LE	28 3/4	Locked UP
11:31:07	SGR	45 11/16	new low most active
11:31:07	SGR	45 11/16	new 2 day low
11:31:07	SBH	66 1/16	new low
11:31:06	GKSRA	28 5/16	new low bid
11:31:06	SVGI	27 3/8	NEW HIGH ASK
11:31:06	DVSA	24 5/8	new low bid
11:31:06	CYTC	49 1/4	NEW HIGH
11:31:05	BKHM	52 3/4	new low most active
11:31:05	BKHM	52 3/4	new 4 day low
11:31:05	PWJ	71 1/4	new low most active
11:31:05	PWJ	71 1/4	new low
11:31:04	CYTC	49 5/16	NEW HIGH ASK
11:31:03	DE	36 7/16	new 2 day low
11:31:02	SFS	11 15/16	NEW 4 DAY HIGH
11:31:02	DE	36 3/8	new low bid

FIG. 3(b)

Time	Symbol	Price	Text
11:31:22	RSYS	53 7/8	NEW HIGH ASK
11:31:22	HL	48 11/16	new low bid
11:31:22	SLXH.X	80.82	new low
11:31:22	LMNX	40 1/2	new 3 day low
11:31:22	TMBR	22 7/8	NEW 4 DAY HIGH
11:31:22	TMBR	22 13/16	NEW 4 DAY HIGH
11:31:20	INOD	10 3/16	new 4 day low
11:31:20	INOD	10	new low bid
11:31:20	BCF	12 11/16	new 4 day low
11:31:19	TMBR	22 7/8	NEW HIGH ASK
11:31:19	DRXR	16 7/16	NEW HIGH ASK
11:31:19	CSGS	42	new low most active
11:31:19	CSGS	42	new 4 day low
11:31:18	REI-C	20 1/8	new low
11:31:18	HRZ	31 13/16	new low bid
11:31:16	HCH	12 9/16	new low bid
11:31:15	SGR	45 5/8	new low bid
11:31:15	SBC	41 7/8	Crossed down
11:31:15	PCSA	61 7/16	new low bid
11:31:15	DURA	22 3/4	new low
11:31:14	PALM	33 3/4	NEW HIGH
11:31:14	CIMA	30 1/8	new low bid
11:31:14	HCR	12 11/16	new low
11:31:13	ENI	42	new low bid
11:31:13	QQQ	90 7/8	Locked DOWN
11:31:13	SOGVX	109.68	NEW 4 DAY HIGH
11:31:12	DURA	22 3/4	new low bid
11:31:12	PCSA	61 1/2	new low bid
11:31:12	PALM	33 3/4	NEW HIGH ASK
11:31:11	VEI	16 1/2	new low bid
11:31:10	RAL	21 7/16	new 2 day low
11:31:09	ADIC	14 11/16	NEW HIGH MOST ACTIVE
11:31:09	ADIC	14 11/16	NEW 4 DAY HIGH
11:31:09	HRZ	31 15/16	new low
11:31:09	USEC	32 9/16	new low most active
11:31:09	USFC	32 9/16	new low
11:31:09	WFII	46 11/16	new 4 day low
11:31:07	LE	28 3/4	Locked UP
11:31:07	SGR	45 11/16	new low most active
11:31:07	SBH	66 1/16	new low
11:31:06	GKSRA	28 5/16	new low bid

FIG. 3(c)

Time	Symbol	Price	Text
11:31:33	RATE	98 1/4	new low bid
11:31:33	ELRE	17 1/16	Locked DOWN
11:31:33	AFCI	35 5/8	new low
11:31:32	RSYS	53 7/8	NEW HIGH
11:31:31	TLXS	16 1/16	new 52 week low
11:31:31	TLXS	16 1/16	new 252 day low
11:31:31	SSTI	20 5/8	new 4 day low
11:31:31	RSYS	54	NEW HIGH ASK
11:31:31	DRXR	16 7/16	NEW 4 DAY HIGH
11:31:29	SOGVX	109.72	NEW 4 DAY HIGH
11:31:28	WEIL	46 1/2	new low bid
11:31:28	KCP	47 3/16	new low bid
11:31:25	EOG	35 15/16	NEW HIGH ASK
11:31:25	AFCI	35 5/8	new low bid
11:31:25	JDSU	119 15/16	Locked UP
11:31:24	WFII	46 5/8	new 4 day low
11:31:24	SSTI	20 11/16	new 4 day low
11:31:23	CMCSK	32 19/32	Locked UP
11:31:23	MRBA	17	new low bid
11:31:23	INOD	10	new 4 day low
11:31:22	RSYS	53 7/8	NEW HIGH ASK
11:31:22	HL	48 11/16	new low bid
11:31:22	SLXH.X	80.82	new low
11:31:22	LMNX	40 1/2	new 3 day low
11:31:22	TMBR	22 7/8	NEW 4 DAY HIGH
11:31:22	TMBR	22 13/16	NEW 4 DAY HIGH
11:31:20	INOD	10 3/16	new 4 day low
11:31:20	INOD	10	new low bid
11:31:20	BCF	12 11/16	new 4 day low
11:31:19	TMBR	22 7/8	NEW HIGH ASK
11:31:19	DRXR	16 7/16	NEW HIGH ASK
11:31:19	CSGS	42	new low most active
11:31:19	CSGS	42	new 4 day low
11:31:18	REI-C	20 1/8	new low
11:31:18	HRZ	31 13/16	new low bid
11:31:16	HCR	12 9/16	new low bid
11:31:15	SGR	45 5/8	new low bid
11:31:15	SBC	41 7/8	Crossed down
11:31:15	PCSA	61 7/16	new low bid
11:31:15	DURA	22 3/4	new low
11:31:14	PALM	33 3/4	NEW HIGH
11:31:14	CIMA	30 1/8	new low bid

FIG. 3(d)

Eyes Financial			
Time	Symbol	Price	Text
13:07:37	FHCC	23	new low bid
13:07:34	FHCC	23	new low most active
13:07:34	FHCC	23	new 4 day low
13:07:34	TRIH	25 11/16	new low bid
13:07:34	SEXVX	32.77	NEW 4 DAY HIGH
13:07:34	SOTR	27 3/4	new low bid
13:07:33	FHCC	23 1/8	new low bid
13:07:33	VITR	39 1/8	Locked UP
13:07:33	PRIA	47 11/16	NEW HIGH ASK
13:07:33	SDDXX	84.08	NEW 4 DAY HIGH
13:07:33	TCO	10 15/16	new 2 day low
13:07:31	HAVN	24 15/16	NEW HIGH ASK
13:07:31	FLS	17 11/16	NEW HIGH ASK
13:07:31	MAXM	56 5/8	NEW 4 DAY HIGH
13:07:31	TRIH	25 3/4	new 4 day low
13:07:30	MAXM	56 11/16	NEW HIGH ASK
13:07:30	DCGN	24 5/16	NEW HIGH MOST ACTIVE
13:07:30	DCGN	24 5/16	NEW HIGH
13:07:30	SOTR	27 13/16	new low most active
13:07:30	SOTR	27 13/16	
13:07:29	ONES	10 5/8	
13:07:29	ONES	10 9/16	
13:07:28	OFIX	19 1/8	
13:07:28	RAS	12 1/8	
13:07:28	ONES	10 5/8	
13:07:27	AT	56 5/16	
13:07:27	TRIH	25 13/16	
13:07:27	FHCC	23 3/8	
13:07:25	\$REI	137.58	
13:07:24	URB	35 1/2	new 4 day low
13:07:24	AT	56 5/16	Crossed down
13:07:24	AT	56 5/16	Locked DOWN
13:07:23	\$DJRX	137.59	new low
13:07:22	ELN	58 11/16	NEW HIGH MOST ACTIVE
13:07:22	ELN	58 11/16	NEW 52 WEEK HIGH
13:07:22	ELN	58 11/16	NEW 252 DAY HIGH
13:07:22	FLS	17 5/8	NEW HIGH MOST ACTIVE
13:07:22	FLS	17 5/8	NEW 4 DAY HIGH
13:07:21	ORCL	83	Locked UP
13:07:19	AT	56 5/16	Crossed down
13:07:19	FHCC	23 1/2	new low bid

FIG. 4

Eyes Preferences [X]

Min Stock Price: 10
Max Stock Price: 150
Min 3 Day Avg: 25000

Exchanges: [OK] [Cancel] [Set Font] [Apply]

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Indicators

Indicator	Text	Background
<input checked="" type="checkbox"/> New Highs	[Pattern]	[Pattern]
<input checked="" type="checkbox"/> New High Ask	[Pattern]	[Pattern]
<input checked="" type="checkbox"/> Highs Most Active	[Pattern]	[Pattern]
<input checked="" type="checkbox"/> 52 Week Highs	[Pattern]	[Pattern]
<input checked="" type="checkbox"/> New Lows	[Pattern]	[Pattern]
<input checked="" type="checkbox"/> New Low Bid	[Pattern]	[Pattern]
<input checked="" type="checkbox"/> Lows Most Active	[Pattern]	[Pattern]
<input checked="" type="checkbox"/> 52 Week Lows	[Pattern]	[Pattern]
<input checked="" type="checkbox"/> Locked Up	[Pattern]	[Pattern]
<input checked="" type="checkbox"/> Locked Down	[Pattern]	[Pattern]
<input checked="" type="checkbox"/> Crossed Up	[Pattern]	[Pattern]
<input checked="" type="checkbox"/> Crossed Down	[Pattern]	[Pattern]
<input type="checkbox"/> Whiplash	[Pattern]	[Pattern]
<input type="checkbox"/> Whiplash Down	[Pattern]	[Pattern]
<input type="checkbox"/> Breakout	[Pattern]	[Pattern]
<input type="checkbox"/> Breakdown	[Pattern]	[Pattern]
<input type="checkbox"/> Narrowing Spread	[Pattern]	[Pattern]
<input type="checkbox"/> Trading Above	[Pattern]	[Pattern]
<input type="checkbox"/> Trading Below	[Pattern]	[Pattern]
<input type="checkbox"/> Volume Move Up	[Pattern]	[Pattern]
<input type="checkbox"/> Volume Move Down	[Pattern]	[Pattern]

FIG. 5

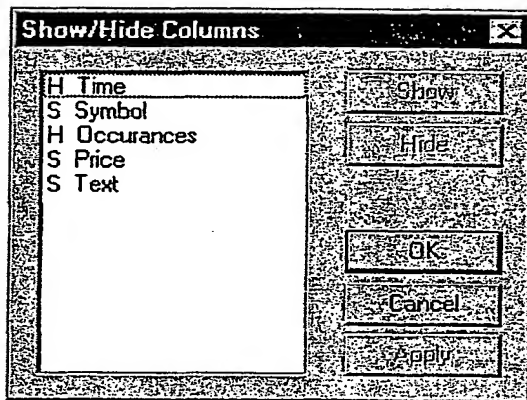


FIG. 6

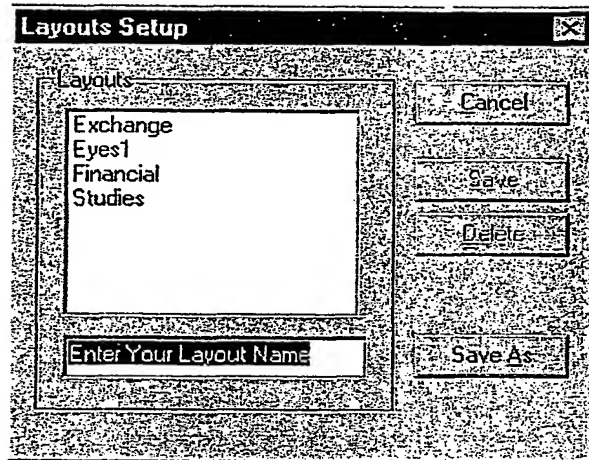


FIG. 7

Eyes Financial				
Time	Symbol	Occurrences	Price	Text
12:59:44	NOK	0	41	Locked DOWN
12:59:43	GGAL	3	15 11/16	new 52 week low
12:59:43	GGAL	3	15 11/16	new 252 day low
12:59:43	MDEA	6	14	new low most active
12:59:43	MDEA	6	14	Trading Below new 4 day low
12:59:43	MDEA	6	14	new 4 day low
12:59:42	GPU	0	31 5/8	Locked UP
12:59:42	METHA	10	46 7/16	NEW 2 DAY HIGH
12:59:42	VICI	3	18 1/4	new low bid
12:59:41	STN	1	14 7/16	new low most active
12:59:41	STN	1	14 7/16	Trading Below new low
12:59:41	STN	1	14 7/16	new low
12:59:41	NANX	5	10 7/8	NEW HIGH ASK
12:59:40	AEP	3	35 1/2	NEW 4 DAY HIGH
12:59:40	MSFT	10	71 3/4	new low most active
12:59:40	MSFT	10	71 3/4	new low
12:59:40	LMGA	6	21 9/16	new low
12:59:38	MSFT	9	71 3/4	new low bid
12:59:38	KEA	6	18 1/8	new 4 day low
12:59:37	SDC	15	39	NEW HIGH ASK
12:59:37	PAX	0	12 5/8	Locked UP
12:59:36	MENS	13	28 1/4	NEW HIGH MOST ACTIVE
12:59:36	MENS	13	28 1/4	NEW 2 DAY HIGH
12:59:35	CTS	16	46 5/16	new low
12:59:34	SDC	14	38 15/16	NEW HIGH ASK
12:59:34	AES	39	59 9/16	NEW HIGH ASK
12:59:34	AEP	2	35 1/2	NEW HIGH ASK
12:59:34	KTC	3	39 1/4	NEW HIGH MOST ACTIVE
12:59:34	KTC	3	39 1/4	NEW HIGH
12:59:34	CNT	7	44 3/8	NEW HIGH
12:59:32	MDEA	5	14 1/16	new low most active
12:59:32	MDEA	5	14 1/16	new 4 day low
12:59:31	ICN	4	28 3/4	new 2 day low
12:59:30	ATSN	16	27 3/4	new 4 day low
12:59:29	ABWG	3	17 1/2	new low
12:59:28	MDEA	5	14 1/16	new low bid
12:59:27	CCL	13	22 15/16	NEW 4 DAY HIGH
12:59:26	INFT	5	36 1/16	new 4 day low
12:59:25	CLTK	18	39 1/16	NEW HIGH MOST ACTIVE
12:59:25	CLTK	18	39 1/16	NEW 4 DAY HIGH
12:59:25	TXN	0	60 7/16	Locked DOWN
12:59:24	CLTK	26	39 1/16	NEW HIGH ASK
12:59:23	SIMG	0	42	Narrowing Spread Ask dec.
12:59:22	HBC	6	71 3/4	NEW HIGH ASK
12:59:20	TBKN	8	17 11/16	new low bid
12:59:20	\$UXV.X	21	28.47	Volume Move Up NEW HIGH
12:59:20	\$UXV.X	21	28.47	NEW HIGH
12:59:19	MCDT	0	86	Narrowing Spread Bid inc.

FIG. 8

Eyes Financial negative.			
Time	Symbol	Price	Text
11:26:39	CBUK	11 7/16	new low bid
11:26:38	SEG	49 3/8	Crossed down
11:26:38	WEI	46 5/8	new low bid
11:26:38	COF	56 3/8	new low
11:26:38	MDT	53 3/4	new 4 day low
11:26:37	SMT	10 1/2	new low bid
11:26:37	IREG	34 5/8	new 4 day low
11:26:36	MRX	50 3/8	new low bid
11:26:36	SKX	17 1/4	new low bid
11:26:36	FTB	45 3/8	new low bid
11:26:35	FTB	45 3/16	new 2 day low
11:26:35	THQ	16 13/16	new low bid
11:26:33	RAA	24 5/16	new low bid
11:26:33	SGP	40 7/16	Trading Below new low
11:26:33	SGP	40 7/16	new low
11:26:33	IMNX	48 13/16	Trading Below new low
11:26:33	IMNX	48 13/16	Whiplash Down new low
11:26:33	IMNX	48 13/16	new low
11:26:31	LBRT	16 3/4	new 4 day low
11:26:30	SAP	61 1/2	Locked DOWN
11:26:29	LBRT	16 3/4	new low bid
11:26:29	LBRT	16 13/16	new 4 day low
11:26:29	\$XLTX	107.68	Volume Move Down new low
11:26:29	\$XLTX	107.68	new low
11:26:29	MRX	50 1/2	new low most active
11:26:29	MRX	50 1/2	new 4 day low
11:26:29	\$XLTX	107.59	new low bid
11:26:29	\$GWLX	111.67	new low bid
11:26:28	ISSI	20 3/16	new low bid
11:26:28	HYSI	27 1/8	new low
11:26:27	BSTE	51 7/16	new low bid
11:26:26	JNCY	75 3/16	new low bid
11:26:25	IMRS	10 1/4	new 4 day low
11:26:24	FLB	45 3/16	new low bid
11:26:23	AIG	48 3/8	new low bid
11:26:23	IMNX	48 7/8	Trading Below new low
11:26:23	IMNX	48 7/8	Whiplash Down new low
11:26:23	IMNX	48 7/8	new low
11:26:22	EMIX	68 1/4	Locked DOWN

FIG. 9(a)

Eyes Financial positive.			
Time	Symbol	Price	Text
11:26:48	JDSU	120	Locked UP
11:26:47	UNT	13 7/8	NEW 3 DAY HIGH
11:26:47	PCCG	50 7/8	NEW HIGH
11:26:39	KAMNA	12 15/16	NEW HIGH ASK
11:26:39	ARTT	10 1/2	NEW 4 DAY HIGH
11:26:36	ARTT	10 15/32	NEW 4 DAY HIGH
11:26:30	PWEI	17 5/8	NEW HIGH ASK
11:26:29	SFY	26 3/8	NEW HIGH ASK
11:26:29	NOVL	10 9/16	NEW HIGH ASK
11:26:28	ARI	26 3/8	NEW HIGH ASK
11:26:27	NOVL	10 9/16	Trading Above NEW 4 DAY HIGH
11:26:27	NOVL	10 9/16	NEW 4 DAY HIGH
11:26:25	NTPA	52	NEW HIGH ASK
11:26:23	IDXC	19 7/16	NEW HIGH ASK
11:26:23	P	55 1/4	NEW HIGH
11:26:22	FLSH	61 1/2	NEW HIGH ASK
11:26:21	FLSH	61 3/8	NEW 2 DAY HIGH
11:26:18	NTPA	52	Trading Above NEW 2 DAY HIGH
11:26:18	NTPA	52	NEW 2 DAY HIGH
11:26:18	SFY	26 3/8	Trading Above NEW 4 DAY HIGH
11:26:18	SFY	26 3/8	NEW 4 DAY HIGH
11:26:17	POG	19 13/16	NEW 3 DAY HIGH
11:26:15	\$P2NCY	132.62	Volume Move Up NEW HIGH
11:26:15	\$P2NCY	132.62	Trading Above NEW HIGH
11:26:15	\$P2NCY	132.62	NEW HIGH
11:26:14	NTPA	51 7/8	NEW HIGH ASK
11:26:14	\$P2ENE	127.22	Volume Move Up NEW 4 DAY HIGH
11:26:14	\$P2ENE	127.22	Trading Above NEW 4 DAY HIGH
11:26:14	\$P2ENE	127.22	NEW 4 DAY HIGH
11:26:13	\$NLEX	51.09	Volume Move Up NEW 4 DAY HIGH
11:26:13	\$NLEX	51.09	NEW 4 DAY HIGH
11:26:13	\$OGVX	109.60	Volume Move Up NEW 4 DAY HIGH
11:26:13	\$OGVX	109.60	NEW 4 DAY HIGH
11:26:12	INTC	64 3/16	Locked UP
11:26:11	MCRE	10 3/8	NEW HIGH ASK
11:26:11	HC	30 3/8	NEW HIGH MOST ACTIVE
11:26:11	HC	30 3/8	NEW HIGH
11:26:11	NE	47 1/4	NEW 52 WEEK HIGH
11:26:11	NE	47 1/4	NEW 252 DAY HIGH

FIG. 9(b)

Eyes Preferences

Min Stock Price: 10
 Max Stock Price: 150
 Min 3 Day Avg: 25000

Exchanges: OK

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<input checked="" type="checkbox"/> New Highs		
<input checked="" type="checkbox"/> New High Ask		
<input checked="" type="checkbox"/> Highs Most Active		
<input checked="" type="checkbox"/> 52 Week Highs		
<input type="checkbox"/> New Lows		
<input type="checkbox"/> New Low Bid		
<input type="checkbox"/> Lows Most Active		
<input type="checkbox"/> 52 Week Lows		
<input checked="" type="checkbox"/> Locked Up		
<input type="checkbox"/> Locked Down		
<input checked="" type="checkbox"/> Crossed Up		
<input type="checkbox"/> Crossed Down		
<input checked="" type="checkbox"/> Whiplash		
<input type="checkbox"/> Whiplash Down		
<input checked="" type="checkbox"/> Breakout		
<input type="checkbox"/> Breakdown		
<input type="checkbox"/> Narrowing Spread		
<input checked="" type="checkbox"/> Trading Above		
<input type="checkbox"/> Trading Below		
<input checked="" type="checkbox"/> Volume Move Up		
<input type="checkbox"/> Volume Move Down		

FIG. 9(c)

Eyes Preferences

Min Stock Price: 10
 Max Stock Price: 150
 Min 3 Day Avg: 25000

Exchanges: OK

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Cancel Set Font Apply

Indicators: Text Background

<input type="checkbox"/> New Highs		
<input type="checkbox"/> New High Ask		
<input type="checkbox"/> Highs Most Active		
<input type="checkbox"/> 52 Week Highs		
<input checked="" type="checkbox"/> New Lows		
<input checked="" type="checkbox"/> New Low Bid		
<input checked="" type="checkbox"/> Lows Most Active		
<input checked="" type="checkbox"/> 52 Week Lows		
<input type="checkbox"/> Locked Up		
<input checked="" type="checkbox"/> Locked Down		
<input type="checkbox"/> Crossed Up		
<input checked="" type="checkbox"/> Crossed Down		
<input type="checkbox"/> Whiplash		
<input checked="" type="checkbox"/> Whiplash Down		
<input type="checkbox"/> Breakout		
<input checked="" type="checkbox"/> Breakdown		
<input type="checkbox"/> Narrowing Spread		
<input type="checkbox"/> Trading Above		
<input checked="" type="checkbox"/> Trading Below		
<input type="checkbox"/> Volume Move Up		
<input checked="" type="checkbox"/> Volume Move Down		

FIG. 9(d)

Eyes Preferences [X]

Min Stock Price: Exchanges:

Max Stock Price: ☐ Scroll Down

Min 3 Day Avg.: ☐ Scroll Up

Max bid/ask spread: ☐ Edit Symbols

Min consolidation time: ☐ Log Messages

OK Cancel Set Font Apply

Indicators

Indicator	Text	Background
<input type="checkbox"/> New Highs		
<input type="checkbox"/> New High Ask		
<input checked="" type="checkbox"/> Highs Most Active		
<input checked="" type="checkbox"/> 52 Week Highs		
<input type="checkbox"/> New Lows		
<input type="checkbox"/> New Low Bid		
<input checked="" type="checkbox"/> Lows Most Active		
<input checked="" type="checkbox"/> 52 Week Lows		
<input type="checkbox"/> Locked Up		
<input type="checkbox"/> Locked Down		
<input type="checkbox"/> Crossed Up		
<input type="checkbox"/> Crossed Down		
<input checked="" type="checkbox"/> Whiplash		
<input type="checkbox"/> Whiplash Down		
<input checked="" type="checkbox"/> Breakout		
<input checked="" type="checkbox"/> Breakdown		
<input type="checkbox"/> Narrowing Spread		
<input type="checkbox"/> Trading Above		
<input type="checkbox"/> Trading Below		
<input checked="" type="checkbox"/> Volume Move Up		
<input checked="" type="checkbox"/> Volume Move Down		
<input checked="" type="checkbox"/> Consolidation		
<input type="checkbox"/> Channel Breakout		
<input type="checkbox"/> Channel Breakdown		
<input checked="" type="checkbox"/> Up Trend		
<input checked="" type="checkbox"/> Down Trend		

FIG. 10

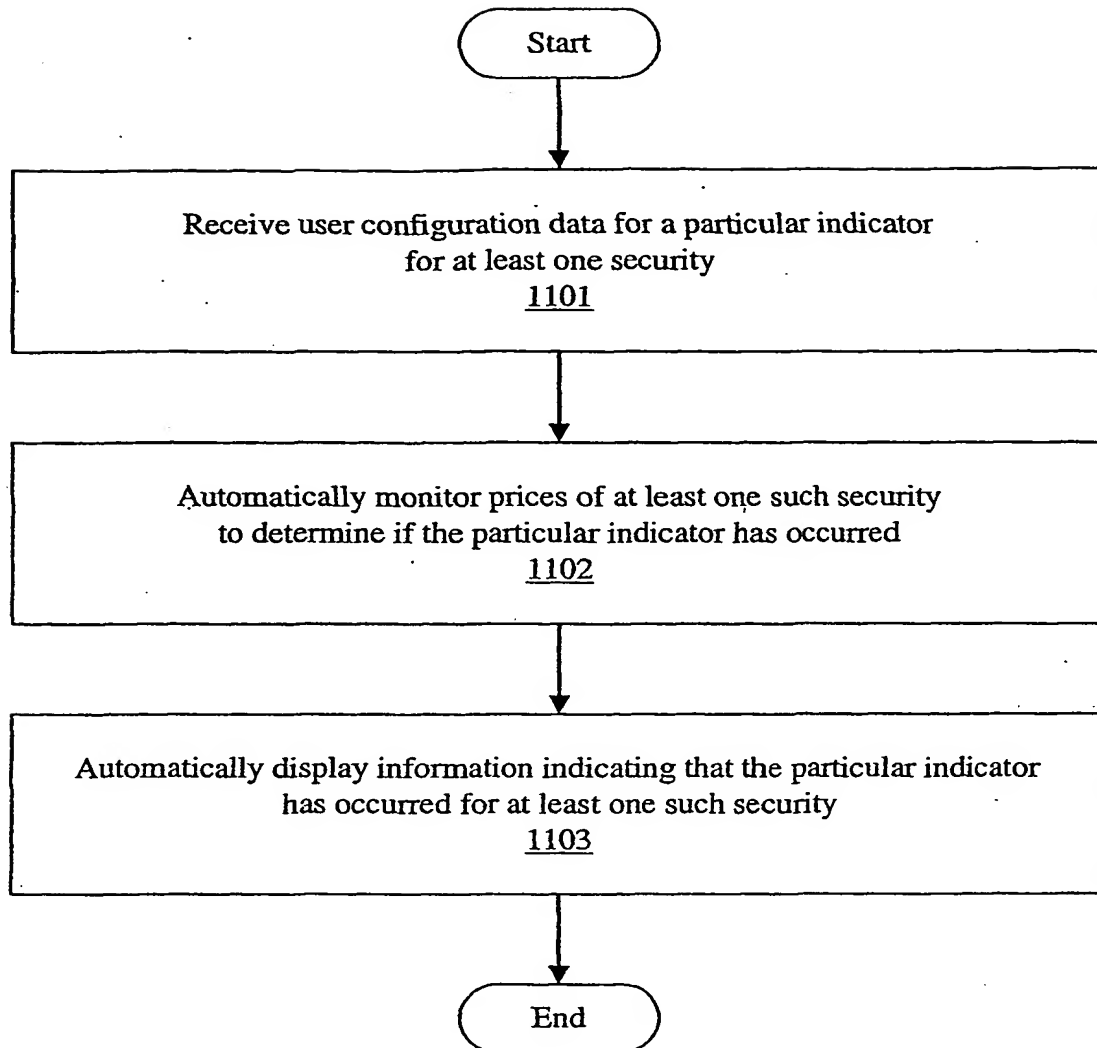


FIG. 11

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